

OLDS SCHOOL *OF* AGRICULTURE



1931-'32 Year Book

S
539
C2
04275
1931/
1932

Olds College Library



0 1640 0056 761 4



[illegible]

1931-1932 EDITION

OLDS COLLEGE LIBRARY
4500 - 50 STREET
OLDS, ALBERTA T4H 1R6



Foreword

By The Honourable GEORGE HOADLEY

Minister of Agriculture



It is my privilege from year to year to address a few words to the students attending the Olds School of Agriculture through the medium of your Year Book. It is a privilege I appreciate, since it gives me an opportunity of conveying greetings and best wishes to you for success in your studies, and of impressing upon you the importance of the responsibilities you are shortly to assume as citizens of this splendid Province.

Without question, many of you will be finding your way back into the agricultural life of the Province, and it is desirable that you should do so. You will find yourselves confronted by grave problems of re-adjustment in which the whole agricultural industry has become involved as a result of the conditions created by the world-wide economic slump through which we are now passing. We have heard many times during this period of depression the saying that "our hope lies in our youth," and never was there a time when it was so true. Our hope in the future of agriculture, in the future working-out of the problems which confront the basic industry of our country lies in you—the young men and young women who now are being trained in our schools and colleges of Agriculture. In your hands is being placed the opportunity and the power to make a great contribution to the solution of these problems, upon which depends the re-establishment of the farming industry upon a permanently prosperous basis.

The courses of training which are provided in our Schools of Agriculture, we believe, are calculated to give a valuable equipment to you, boys and girls, who are facing just such conditions as I have mentioned. They provide not only a sound fundamental knowledge of agriculture, but seek to develop a keen sense of responsibility with respect to community and national life. May I express the hope that our students, comprising as they do so fine a body of young men and women, may take the fullest possible advantage of the opportunity provided, not only for the study of the science of agriculture, but for the close study of the changes which are taking place in the industry, and the relation of these changes to the whole question of our economic life.

I wish you all success in your future efforts, and am sure, at the close of your school life, you will be technically well-equipped, and have a healthy rugged physique and the fire and determination necessary to take your place in the development of the new economic agricultural era which we are facing today.



The O. S. A. Year Book



Students and Staff O. S. A. 1931-'32





Editorial

IMPORTANT in the annals of our college life is the consummation of the objective which we set out to attain. Thus graduation, the hearty feeling of undertakings well performed, the joy of good fellowship, useful knowledge and a sense of progress are some of the good things that we will carry away from college with us. Some are leaving to enter upon the commencement of their careers in various departments of our nation's life. To these the end of the spring term '32 will be a farewell in fact to the many activities and the familiar scenes of the Olds School of Agriculture. We can rest assured that these men and women will, though the future may dim their memories, always retain a feeling of goodwill and a real appreciation for the good old days spent in earnest endeavour at the Old School. Many, we hope all, of those who started their attendance at the beginning of the term last fall and some of this year's Sophomore class, will return next year, and will carry on with the important work of gathering information useful to them. To all of these we extend encouragement to persevere.

Knowledge is useful, but the measure of its usefulness is the practical purpose to which those having it apply it. Let us all endeavour to remember that such is the case, and no matter where our occupations may lead us, to use to the best purpose such knowledge as we have gained here. Let us also remember that knowledge begets knowledge, and that only in so far as we keep abreast of the existing facts and the products of research in what we are trying to perform, will we be successful. We should all resolve as we pass from our classes to retain the ability to study, and delve into the many texts and unlimited practical possibilities of the subject to which we apply ourselves.

True appreciation is not indiscriminately cast about. It is

likely that the deepest appreciation often remains unexpressed, but at times such appreciation is so strongly felt that some attempt to convey the feeling to those for whom it is held breaks through our reserve. Our mentors during this past year have patiently and painstakingly given to us the product of their years of study and practical experience in the subjects that they teach. Unfortunately for us we have not always given their teachings due attention. In a greater or lesser degree we have however been taught by them, and it is our fault if our learning is not as complete as they have endeavoured to make it. Each one of us through the medium of these few words wishes to express a sincere appreciation for the instruction given by, and the active leadership of, the teaching staff in all of our studies and activities.

Each year's student body elect a Year Book Staff whose undertaking it is to carry on a custom inaugurated eighteen years ago. It is the purpose of this Year Book to incorporate in its pages something of the life of those individuals around whom it is written, a little of the personality of each, something of the various activities, an outline of the finals in different items of the curriculum at which some of the students entered into the School Hall of Fame, be these in studies or in sports, combined with articles by members of our Alumni and others. This memento is intended to remain with each of us as a means of keeping fresh the things that we did, and that others did while we were with them.

The thoughtful and helpful participation of every one instrumental in bringing this Year Book into being has been greatly appreciated by the Year Book Staff, and we extend our thanks to them

J. B. R., *Editor.*



O.S.A.
YEAR BOOK
STAFF

LEON FRASER ~
BUSINESS MANAGER

P.H. WALKER ~
EDITOR-IN-CHIEF

J.B. REED, EDITOR

ARTHUR DIXON
SPORTS
EDITOR

J.J. KOEHLER ~
ASST. EDITOR 2ND YEAR
MEN

DOUGLAS CAMPBELL
ASST. EDITOR 2ND CLASS ~

CARLYLE PECK ~
LIGHTER VEIN

BETTY FRASER ~
ASST. EDITOR 1ST YR. WOMEN

PETER CRAWFORD
ASST. EDITOR 1ST YR. MEN

JEAN CONNER
ASST. EDITOR 2ND YR. WOMEN

ALFRED C. GROOM ~
ASST. EDITOR
3RD YEAR

HYNDMAN EVANS
SOCIAL
EDITOR

JENNIE ROWELL
ASST. SPORTS
EDITOR

E.I. ERICKSON ~
ASST. BUSINESS MGR.



A Message From the Principal



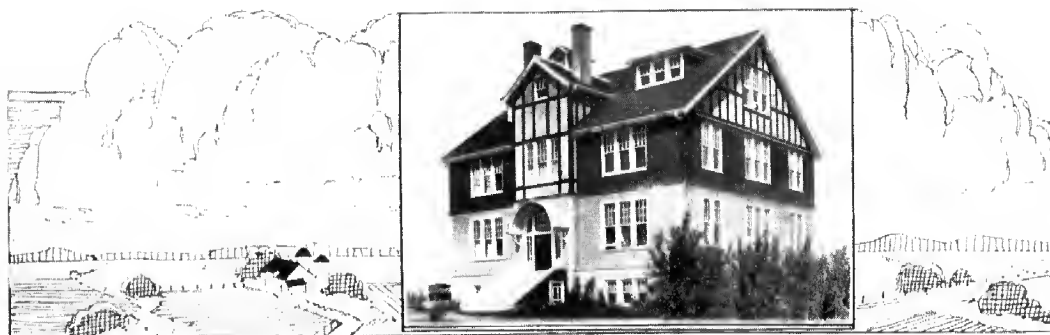
THE hurried march of time is borne in on us by the appearance of another Year Book and the imminent departure of another class from the School corridors. A few short months ago,—long in prospect but brief in retrospect you arrived to enter upon a new adventure, and now you pass on,—the experience over.

You came here to break new ground. You hope by adding to your experience and knowledge to reap a better harvest of life's opportunities. You have come into intimate contact with staff and fellow students, have had to adjust many points of view, and frequently to subordinate personal interests. The responsibilities of social, literary and athletic activities have brought their own reward. A few have fallen by the wayside but the majority have won through with more extended horizons. You can see further and more clearly.

Many of you going out with diplomas have still your work to find, and happy will you be if you find that for which you are suited. If you cannot find happiness in your work you are not likely to find it elsewhere. If the choice of work is still yours, decide on something difficult enough to be interesting and sufficiently worth while to be a source of pride.

The world is helped forward more by the small pushes of the many than by the mighty pushes of the few. We hope you will find the right place to push and trust that your training here may help you to push skillfully and cheerfully.

JAMES MURRAY, *Principal.*



MAIN BUILDING



F. H. BUDGEON
PRACTICAL MECHANICS

G. R. HOLETON, B.Sc.
VICE-PRINCIPAL & MECHANICS

JAMES MURRAY, B.S.A.
PRINCIPAL & FIELD HUSBANDRY

W. S. BENN
EVICIS, MATHEMATICS & ENGLISH

HUGH MEPHAIL, B.A., B.Sc.
ENGLISH & HISTORY

C. H. H. SWEETAPPLE
VETERINARY SCIENCE

C. E. YAUCH, B.S.A.
CHEMISTRY, PHYSICS & ENTOMOLOGY

MISS C. MCINTYRE
COOKING & LAUNDRY

MISS R. ELVES, R.N.
NURSING

MISS L. ROGERS
NATRON & HOUSEHOLD ADMINISTRATION

MISS M. H. COX, B.M.E.
COOKING & HOUSEHOLD ADMINISTRATION

E. W. PHILLIPS, B.S.A.
GENERAL HUSBANDRY & FARM HERDS

W. H. FISHER
REGISTER & BOOKKEEPER

MISS R. DOAN
STENOGRAPHER

MISS M. ALBRECHT
STENOGRAPHER

MISS M. P. SHAW
SEWING & TEXTILES

F. B. DIXON, B.A.
MATHEMATICS

A. T. KEMP, B.S.A.
BOTANY, HORTICULTURE, PLANT & FIELD HUSBANDRY & BACTERIOLOGY

M. W. MALYON, B.S.A.
POULTRY & DAIRYING

F. F. PARKINSON, B.S.A.
ENGINEERING & ELECTRICITY

O.S.A. STAFF



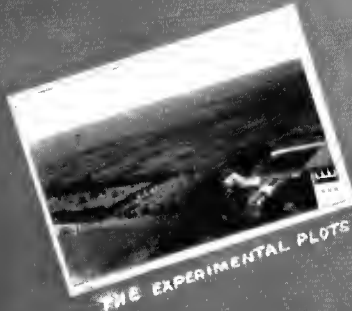
The O. S. A. Year Book



ONE OF THE BORDERS



A WINTER SCENE



THE EXPERIMENTAL PLOTS



THE PRINCIPAL'S RESIDENCE



THE FARM BUILDINGS



IN THE FEED LOT



TORONTO ROYAL WINNERS



A GOOD STEER



The Experimental Union

By HAROLD PHILLIPS, *President*

IN THESE times of uncertainty it is a pleasure to report that the Experimental Union is coming through in good order, with an increased membership and a favourable balance in the bank. In the spring of 1931 well over two thousand samples of choice seeds and roots were mailed to members. The recipients have replied with some very enthusiastic letters, a large file of definite information and a lot of important material for the excellent Seed Show held at the O. S. A. on January 4. We are thus proving a very effective link in joining the O. S. A., the graduate student body and the farming community which the School serves.

When we bear in mind the increasing number of conditions which tend to impair the quality of field crops it is evident that measures to improve that quality can not be too vigorously prosecuted. In fact it sometimes seems as though in such improvement lies almost our only hope of marketing such a large volume of produce in competition with world supplies. The necessity for increasing crop yields however is not so obvious while we still have with us the problem of disposing of crop surpluses. Rightly regarded, the latter problem is more urgent than it ever was. Is it not a fact that one of our greatest sources of farm loss comes from applying our time and equipment on too much land for the returns that we get? In other words, machinery is worn out from the number of acres of land it is used on, not from the number of bushels of grain it produces. If by the use of improved seed we can increase our acreage yield ten to twenty per cent, then a substantial area of farm land can be returned to grass without reducing the gross farm revenue. The reduced acreage would be easier to keep clean, and could probably be seeded and harvested more promptly; with a possible gain in quality of crop and a certain reduction in labour cost. The effort toward

maximum average yields is without doubt the soundest farm policy providing the total acreage is kept within reasonable limits.

These are times when the seed grower might well consider taking on new lines of seed production. It is quite feasible and economical to produce, on Alberta farms, many varieties of grass seed and some standard vegetable seeds, such as peas, beans, and corn, and also some of the root crops. In fact, badly as we need money at home it is almost absurd to send outside of the province for grass seed, sweet clover or alfalfa, sunflower and garden peas beans or corn. The writer has purchased Alberta grown pea and bean seed of standard garden variety and undoubted purity for one-sixth of the regular catalogue prices, and the grower admitted making a profit on the transaction. We also should be independent of outside sources for the roots of most of our perennial flowers and such garden crops as rhubarb, asparagus and strawberries. I am afraid the usual tendency when propagating this stock on the farm is to multiply whatever material happens to be at hand. Of course this plan has some merit in retaining a measure of native vigor and hardiness, but the Experimental Union member has available material which is tested for quality and productiveness and he is of course well-advised to make use of it.

One of Western Canada's foremost farm leaders has repeatedly said "Nobody can ever help the farmers but the farmers themselves." This statement was intended to apply to activities in the social and economic field, but it may be used with equal force in the activities of farm field, yard, and garden. Therefore, since charity begins at home, let us set about making ourselves as self-sustaining on our farms this year as possible, with the hope that when fields and gardens are harvested we can come together and hold a better Seed Fair than ever in January 1933.



Mr. Moe Retires

MR. THEODORE MOE, janitor of the main building of the School for lo! these nineteen years, is retiring on superannuation at the end of this term. To many an ex-student and others this will come as a surprise, as Mr. Moe has always been looked upon as an integral part of the institution, as well as having always been here, and who would undoubtedly continue to be here indefinitely, his presence being almost indispensable.

His first connection with the School was in the summer of nineteen hundred and thirteen, when the native bush was being cleared from the present grounds and the excavation for the basement of the main building was being started. That basement and those grounds have been the centres of his activities ever since. From his retreat in the boiler-room he has gone forth to his daily round of keeping the rooms cleaned and warmed in winter, and the grass clipped in summer. He has watched from there the passage of the years and the comings and the goings of hundreds of students, and many staff members. These individuals have found Mr. Moe's personality a thing to contend with, and also an example to profit by. No doubt as to the rightness of his own course of action has been one of his characteristics; a steady and unflinching application to his daily task has been another. During a period when an "honest day's work for an honest day's pay" has been a policy none too widely adhered to in general, Mr. Moe's consistent exemplification of it, and his devotion to his work and the welfare of this School, have won him the respect of the hundreds who have passed through these halls. Their good wishes will follow him into his retirement from these scenes, knowing that he will carry with him the satisfaction of tasks well and conscientiously performed.

E. W. P.

* * * *

Mr. Malyon: "Sorry, but one of my hens got into your yard."

Mr. Parkinson: "That's alright, my dog just ate your hen."

Mr. Malyon: "Fine, my dog just killed your dog."

Mr. Parkinson: "All right, I just shot your dog."

The Students' Council

AT THE O. S. A. the Students' Council exists for the purpose of promoting self-government among the students in matters pertaining to themselves, as well as a straightforward spirit at the School. The fact that the students have a representative body of their own is one of the most influential factors in attaining the desirable ends, in addition to enhancing the co-operative feeling between staff and students. Such should be the main purpose of a students' council.

It is the aim of the Council to manage student activities in such a way that the greatest benefit is given to the greatest number.

At the commencement of the term the Council received a fee from each enrolled student. The division of these finances and the allocation of the year's programme amongst the committees are subjects which require its deliberation. Beside these departments of the Council's activities it is the duty of each council member to resist any deliberate attempt by any student to commit an offence considered detrimental to the welfare and good repute of the college. In this important matter we have the backing of the teaching staff.

From the foregoing it will be surmised that the Student's Council at the O. S. A. is the government of the student body by the students and for the students. The present Council has endeavored to the best of its ability to foster school spirit in every line of student activity—athletic, social, and literary.

The assistance and support of the staff has proved invaluable and encouraging. We wish to express our appreciation of this and of the co-operation shown by the students and the faculty during our term in office ending with the inevitable close of another school year.

JIM SHAW, *President.*

* * * *

MR. MALYON's alibi for being late for supper: "My doctor says I must take my (mid-)iron every day."



STUDENTS' COUNCIL

'31 OSA '32



PEARL JACK
SECRETARY
(1ST YR. WOMEN)



JAMES SHAW
PRESIDENT
(3RD YR. CLASS)



PATRICK H. WALKER
VICE-PRESIDENT
(2ND YR. MEN)



MARY SEMPLE
TREASURER
(2ND YR. WOMEN)



ALFRED C. GROOM
3RD YR. APPOINTED



ROBERT C. EWART
2ND YR. MEN



PAULINE SULMAN
2ND YR. WOMEN



ERMAN ALBRIGHT
~ 2ND YEAR APPOINTED



ALEX. BILLWILLER
TWO-IN-ONE MEN



ALLEEN NOBLE
TWO-IN-ONE WOMEN



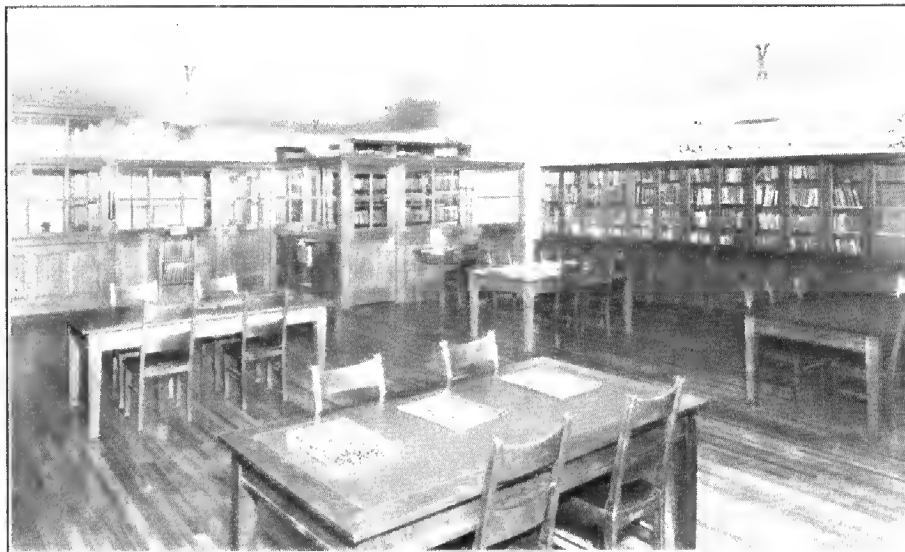
FRANK CHAPMAN
1ST YR. MEN



GORDON LOTT
1ST YR. MEN



RUTH MCFALL
1ST YR. WOMEN



A CORNER OF THE LIBRARY

The O.S.A. Extension Library

By C. E. YAUCH, Librarian

"Education begins the gentleman, but reading, good company, and reflection finish him."—Locke.

THE writer, in this article, wishes to point out some of the things to be gained by reading good books and by using public libraries; in particular some of the advantages you as students have had in having available a well-chosen selection of books in the O. S. A. Extension Library.

Books play a most important part in our educational and cultural development. We may attend college, listen to a formal course of lectures and receive a diploma, but the best part of every man's education is that which he gives himself. The quotation, by Locke, given at the beginning very clearly indicates that reading is an important factor in developing a cultured and educated person. Through books we may continue our educa-

tion and a mor

Individual
time to time b
own library—
come intimate,
once, often ma
of us are ratl
acquisition of
is where the v:

The publi
tablished to se
All people yo
race or creed
the services o

greatly adds to the education received in schools, it gives useful information to many, many of its books may be read purely for entertainment during leisure hours.

A modern library is not merely a collection of books placed side by side on shelves. They would be of little value were they not arranged in some systematic order. It is part of the librarian's duty to classify the various works and then be in a position to find the particular information when wanted. It is also the librarian's duty to give guidance and encouragement to readers who will receive these helps. In addition the librarian must attempt to keep up-to-date information on the most important happenings taking place in the world.

We trust that the Library at the Agricultural School has succeeded in some measure in performing the functions for which it was established. We hope that you have found entertainment, information and inspiration in the books on its shelves. In closing we wish to call your attention to the fact that you can arrange to continue to make use of the Library after your graduation.

* * * *

Muriel: "I thought you could keep a secret?"

Don: "Well, I kept it for a week. What do you think I am, a cold storage plant?"



CANADIAN WHEAT ABROAD

By E. G. BAYFIELD, *Cereal Chemist, Ohio Agricultural Experiment Station*

Each year at seeding time the wheat grower is faced with the decision as to the best variety. He frequently sees articles in farm journals advocating the use of high quality wheat. To understand the need for growing this sort we need to examine the use to which the wheat is to be put. Most Canadian wheat is consumed on the European market and the demand in this market regulates the price very largely.

It is of the greatest importance that the Manitobas, the name for Canadian wheat of Marquis type and quality, continue to hold their dominating position in the English and European markets as the premier strong wheat of the world. The present movement to segregate Garnet into separate grades is one phase of the desire to uphold the high quality of the Manitobas.

The English miller draws upon wheat originating in all parts of the world. Canadian wheat, accordingly, is in direct competition with wheat from Russia, the United States, Australia, Persia, Hungary, India, South America and so forth. Wheat from these different countries possesses varying characteristics and the miller mixes, i. e. blends them together, so that the resulting flour is suitable for the particular market for which it is milled. Wheat from Russia, the Hard Red Springs from the

Still other wheats impart a "nutty" flavour desired by many bread markets. For this purpose the English miller incorporates wheat which may come from England, Chile, Poland, or Germany. The wheats used for producing colour and flavour in the bread are usually deficient in strength.

As the strong wheats are the most expensive ingredient in the blend as little is used as possible in order to cut costs to a minimum. Bakeshop flour normally comes from a blend containing from about 20 to 50 per cent No. 1 and No. 2 Northern. Approximately 20 percent comes from wheats used for colour and flavour. The remainder is made up of wheats such as the Plates from Argentine, the American Red Winters (both soft and hard.) Indian wheats, etc. Frequently a small percentage of low grade wheat is used as an aid in giving bulk. Durum, Egyptian, and Persian wheat may be used in this way. Cost determines very largely which will be utilized. It may readily be seen that low grade Canadian wheat meets with competition from a larger number of countries than the higher grades do. This explains why a large amount of Western Canadian low grade wheat goes to the Orient where there is a market for poorer flour.

At the present time the British and other European markets



The School Fair

IN SPITE of the depression school fairs have continued to make steady gain. This is indicated by an increase of six thousand exhibits this year over the figures of last year, from the same number of fairs and by the addition of a few new centres from year to year. The general interest of pupils and parents instead of being lessened as one might expect, is growing better each year. Financial statements show favorable balances.

Seeds were distributed to forty-three centres in 1931, and of these, forty-two held fairs. One centre, Mountain View, cancelled their fair due to hail damage. Three centres, Fleet, Castor, and Gwynne failed to reorganize, but this was partly balanced by the organization of new centres at Crossfield and Valley View Hall near Telfordville. A total of 49,365 exhibits were shown at the forty-two fairs, which included 437 schools and 10,443 pupils.

During the spring months of 1931, thirty-three centres were visited by representatives of the School of Agriculture. Thus contact was established with fair officials and items relative to the improvement of each individual fair were discussed.

* * * *

CANADIAN WHEAT ABROAD — *Concluded from page 13*
wheats from Canada would have to face competition from similar wheats originating in a dozen or so different countries. This competition could only mean one thing—lower prices, so grow only varieties of high quality.

The School Fair Short Course

THE short course for the pupils winning the highest number of points in classes 1 to 93 at their respective fairs, was held at the School of Agriculture, Olds, July 6 to 11 inclusive. The attendance totalled 103 in all, under the supervision of H. W. Scott, District Agriculturist. Expectation was high, and the dormitory provided splendid accomodation for all.

Each day's programme started with Physical Culture on the Campus, followed by breakfast at 7:45. Work started at 8:15 and classes covering a great variety of agricultural and domestic science subjects were taken, interspersed by game and rest periods. From 8 o'clock to 9:45 each evening entertainment of various forms gave each day a pleasant ending. An athletic tournament in the evening of the fourth day proved an interesting feature.

At the close of the course the names of the boy and the girl, having done the best work in all lines during the course, was announced as having won the Agricultural School Scholarships. The winners were Mary Smith of Alliance, and Douglas M. Campbell of Leduc.

The fact that the Short Course Scholarships are so eagerly sought after, has the effect of bringing out more and better exhibits at the various school fairs. Parents are coming more and more to recognize the educational advantages that these school fairs and short courses offer their children.



A YEAR in the ARCTIC

By W. H. FISHER

IF THERE is one thing more than another that stirs the imagination of a prospector, it is the report of a new gold discovery. At first it will filter through in the most mysterious manner possible and you become thoroughly convinced that yourself and the discoverer are the only ones that know anything about it.

Such a rumour was wafted to me in the spring of 1900 by a clerk in the Gold Commissioners office at Dawson. The location was given as the upper waters of the Stewart River on the south fork. As near as could be ascertained this meant a trip of about four hundred miles, all up stream into the heart of the Rockies.

I soon got in touch with two companions who were prepared to take this hazardous trip with me, Jack Patterson, and Andrew Smith, both well and favorably known in the Yukon. The three of us got our outfit together as quietly as possible. This consisted of five months' supply of food, two canoes and summer clothes only, as we intended to get back before winter.

On the 28th day of May the first steamer to leave Dawson was the "Flora." She was bound up the Yukon to White Horse and we decided to take passage on her as far as the mouth of the Stewart River, about ninety miles up the Yukon. On the morning of our departure, much to our surprise, we discovered there were over one hundred passengers bound for the mouth of the Stewart, and we guessed right when we concluded they were all on the stampede as ourselves.

About five minutes before the boat started, Mr. E. K. Sinclair the Gold Commissioner, came down to the dock and asked me to act as Recorder for the new district. He handed me a bundle of books and papers and told me that my salary would be eight dollars a day until I returned.

In due time we reached the mouth of the Stewart River and from this point the race into the interior began. About the first of July we arrived at Fraser Falls, 210 miles up the Stewart and another week brought us to the south fork of the Stewart, fifty miles above the falls.

I had given out word that I would establish a Recording Office at this point so we halted there and decided to make it our base.

We left most of our supplies in a deserted cabin we found near our landing place and continued on our rush up the river in hope that someone of the hundred prospectors would locate the discovery. After two weeks of futile search I returned alone to our base and began making preparations for my office work as Recorder.

About the middle of August two trappers arrived from Dawson with a year's outfit,—Jim Mervyn and Billy Bowes, both of Listowell, Ontario. These two men had been up in this region the year before and it was presumably from their report of the district that the stampede took place. They stopped at my cabin, which was indeed their own for they had built it the year before, but did not intend using it the coming winter. I endeavored to get information from them about the discovery and of course they assured me there was nothing in it, that the thing was all a myth. This information made me the more certain that they knew all about it but would not go near the location until the big crowd of prospectors left for down river early in the fall.

I determined to stay all winter when they assured me that they had grub to spare and I told them that I would visit their cabin after the crowd left. I did not wait until the freezeup but made the ten mile trip early in September.

I stayed several days with them and had my first lesson in killing and dressing a moose. I also got some valuable information about making dead-falls to catch marten and other fur bearing animals.

About the first of October the stampeders began going down river. As they arrived at my place I took their names and where they had prospected. They all had the same report to make—nothing was found and no indications of gold discovered.

My two friends, Patterson and Smith, arrived about the 10th of October. The ice was then beginning to form and they insisted that I pack up as quickly as possible and go with them. I told them that there were still a couple of parties up the river and that I intended to wait until they came down, so I should have a complete record of everyone that had been up there and



that I should go down the river as soon as they arrived. I suggested they had better not wait and that in all probability I would overtake them at Fraser Falls.

Before leaving I asked them to leave a sack of beans with me which had not been opened, and also a pair of blankets. They knew nothing about the two trappers being in the country and did not for a moment imagine that I was going to stay. They were the last two to go down the river for in less than two days the ice began to form and in a very short while the river was completely frozen over.

I at once set about making my cabin as comfortable as possible. I had a small kit of tools consisting of two axes (one large and one small), a saw, a hammer, a couple of files, a whetstone and a couple of good sheath knives. I also had a first class rifle and plenty of ammunition.

My first kill was a black bear. He was in splendid condition so I got a very fine bear skin that came in for good use later on for my bed. I next got a full grown bull-moose about two hundred yards from my cabin but the skinning and butchering of this animal was no easy matter—it took me two days to finish the job but I got him eventually all cut up and placed in the cache which had been added to my cabin.

I was now well provided for, so I started to build a trap-line. I built the dead-falls about two hundred yards apart or about eight to the mile, and it took me a whole month to complete the task. The line ran five miles direct south and five miles direct north from where I was located. Right from the start I began catching marten,—better known as sable. The work was not only invigorating but it was exciting and I took great pleasure in it. I had plenty of work to keep me employed ten hours a day for I covered one of the lines every day during the winter except on a few exceptionally cold ones.

My next experience was making snowshoes, and in this work I can honestly say I derived more satisfaction in mastering the intricacies of weaving the gut into the frame, than anything I have ever attempted. An old broken pair of snowshoes that had been left in the cabin from the year before, of Indian make, gave me a pattern. I first of all had to get material to make the gut for the shoes; I had no difficulty in selecting a yearling moose out of a herd that used to pass up the river every two or three days within a quarter of a mile of my cabin. This hide I cut

into pieces about two feet square and by soaking a piece in water for a couple of days I could pull the hair out. By scraping and cleaning it thoroughly and then tacking it on the wall to dry it became hard and almost transparent. I then rounded off the corners and cut the whole piece into one long string with a pair of scissors. The frame of the shoe was easy to make. My first pair was none too good but after I had made my fifth pair during the winter, I was quite pleased with the result of my work.

Moccasins also had to be made, which I accomplished in the following manner. I first of all made a last out of a block of wood which I considered the proper size. I then took a piece of moosehide, taken from the animal's leg on account of the finer hair. I then softened the skin, cut and stretched it over my last and sewed the different edges together, the hair inside. I produced a warm and serviceable moccasin. I also made a pair of leggings from moose-hide with the hair side out, which kept my lower extremities quite warm. I used a pair of blankets to make a parka or loose fitting outer covering that reached below the knees. My mitts were also made from blanket. I had a fur cap with me. The above outfit was good and warm and I cannot say I suffered from cold at any time during the winter.

About the middle of January I decided to go and call on Mervyn and Bowes and get some supplies from them as mine were getting low. As daylight only lasts about four hours at this season of the year, I left about an hour before dawn so as to give myself plenty of time to get to their cabin before dark. I had to break trail all the way and the going was heavy. I arrived at their place about two o'clock and it was beginning to get dark.

At this stage I received what I consider the greatest jolt of my existence. The cabin was empty—completely deserted, and to all appearances no one had lived in it during the winter. The first shock to my feeling cannot be described. I faced what I considered a lingering death from starvation. I dared not think of returning to my own cabin that night. In the first place I was extremely tired, I had no food with me and the route I had taken was across country and if I had attempted the return journey by night I might easily have got lost.

There was a big pile of cut fire wood and it did not take me long to get a good fire going in front of the cabin door. That terrible night of twenty hours I shall never forget. The constant

(Continued on page 45)



The O. S. A. Year Book



B-DIVISION, SECOND YEAR

IRRIGATION CLASS



The THIRD YEAR CLASS

IT MAY seem paradoxical that we, the Matric. Class, are the seniors at this institution, but although we are seniors we realize that we are mere infants as far as education is concerned. We have learned just enough to know that we are but at the beginning of a long difficult road. This is a preparation, the period in which we are preparing ourselves for the uncertainties that will arise in the future. It is an enjoyable period in which we are constantly learning and assimilating information from all of the ideas of those who have gone before us and made our academic history what it is today.

We take an active part in all phases of the school life, because we enjoy doing so and because we know that it is essential for us to be active, healthy, quick of mind, and versed in the matter of speaking to and meeting the other people in this world in which we live. Among us are those who strive to be authors, editors, debaters, actors, musicians, singers, and athletes, and we all succeed in a greater or lesser degree in our respective fields.

benefits derived from the instruction given to us and the studying of which necessity requires that we do much, is every bit as useful and serves its ends as fully as the instruction which we received during our two years agricultural or domestic science course. By continuing through this third year of the course provided by the agricultural schools we are enabled to go ahead and take our places in various lines of endeavour which would be closed to us were we to complete our school life without our matriculation. There is no need to enlarge upon the usefulness of attaining this step under our educational systems.

It is natural that during our sojourn here we should arrive at some conclusion regarding the future, and in the main it is this — to work hard, to play hard, to be men, for it is evident that to do all with vigour, and with a healthy-minded attitude will bring us out in the higher ranks of success, whether it be in inter-class, inter-commercial, inter-allied arts, or international endeavour.

ALBERT C. CARR



The Third Year Class

LELAND P. DITZLER

"A friend noble and sincere."

Announced his arrival on October 11th, 1909. Now resides at Clive, Alberta. Chum shines in all activities. He has capably filled the position as class president; has also proved him-elf to be a student with ability, and a debater par excellence. For three years he has excelled as centre on our basketball team and for the last two as captain. May your career be a successful one.

ALFRED C. GROOM

Alf comes from Norfolk County, England. Being adventurous he came to Canada in 1929 and that fall enrolled at the O. S. A. He has made the College his winter home since then. He has been prominent in all school activities—athletic, social, and literary—proving his worth in each field, and also filling with dignity and assurance his position on the Students' Council this year, as Editor-in-chieft of the Magazine Staff last year and now as Third-year Editor on the Magazine Staff in 1931-32.

ELSIE GRUMBACH

Born at Bentley about 20 years ago. Is the only survivor of the 1929-30 girls. Elsie came through 1st and 2nd year with distinction, winning two scholarships and numerous other prizes. She now belongs to the 3rd year class and is President of the Girls' House Committee.

PASTIME.—Keeping order on the 3rd floor.

PET SAYING.—"I must go and study."

AMBITION.—To don the white uniform.

ARTHUR DONALD McFADDEN

Born at Macleod March 15th, 1913. Now resides at the Experimental Station, Lacombe. Don is a conscientious worker and has been with us for three years. President of the Third-year class term '32, he takes an active part in the classroom, and in social and athletic activities. He shines as star left-forward on the regular basketball team. A very popular member of the Matric. class.

AMBITION.—Varsity.

WEAKNESS.—Sleeping in class.

JOHN MALCOLM MacGREGOR

"One task more completed, one more footpath trod."

Malcolm might be called the Scholarship Member of our class having the distinction of winning the general proficiency scholarship in his first year, and again in his second. He has admitted that for some reason he is unable to study this year but his consistently high marks contradict this. During his three years with us he has served capably in many executive positions, and is at present president of the Social Committee.

AMBITION.—A Ph. D. degree.

MARGARET O'BRIEN

Biddy took her first year and her second year at the V. S. A. with a breathing space between for a change of scenery at the coast. After taking a stenographic course she has come on to the O. S. A. for her Matric course. A popular member of her class, we are glad that the prairies lured her back from lower altitudes.

AMBITION.—Newspaper reporter.



GORDON A. OGSTON

From Arden, Manitoba, where he was born on January 2nd, 1912. Gordon received his early education in Edmonton but in 1929 decided to study agriculture and enrolled at the Vermilion School, where he completed his first and second year work. He then came to O. S. A. for his matriculation. A steady player at hockey and basketball, and an active man in the social affairs of the school.

AMBITION.—Varsity

RONALD W. PEAKE

Hails from Lethbridge, Alberta, which accounts for his sunny smile. Ron has made many friends at the O. S. A. because of his jovial nature; with his cheery disposition and generous congeniality he will prove an asset wherever he goes. In social and athletic activities he plays a prominent part. He was president of the Athletic Committee in the fall term '31.

FAVOURITE PASTIME.—Walking with the stenog.

ERNEST ARTHUR PITMAN

Ernie is an Albertan born, coming from Chauvin, where he has lived longer than he can remember. A graduate in agriculture from V. S. A. he is taking his matric. with us. Representative on the Literary Committee, he is a hard and conscientious worker both at his studies and in the school activities in which he takes part.

Page Twenty

EMILY ROWSWELL

"O woman! in our hours of ease
Uncertain, coy, and hard to please
And variable as the shade —."

Tommy is another Vermilion student. After taking two years at V. S. A. she thought of being a lady of leisure but finding this not as pleasant as it sounds she came to Olds for her third year. She is our up-and-going basketball captain, and we don't mean maybe.

AMBITION.—To be a nurse.

HARRY SCRABA

An attractive citizen of the town of Lamont, Alberta, where he was born on the 25th of March, 1907. After public and high school education was completed he enrolled at the V. S. A. and graduated from that institution, coming to Olds for his matric. Harry is an all round sport, representing the school in hockey, basketball and football. He also delights local hockey fans by his performance on the Olds lineup.

DORIS MARY SECORD

"Always smiling, never blue,
Friend to all, sincere and true."

This ray of sunshine first shone upon Toronto in 1912, and has moved westwards by degrees, living at present in Vancouver. Last year Doris enrolled as a 2-in-1 and evidently appreciated the advantages at the O. S. A. for we find her back this year taking a few third year subjects. Unfortunately she left at Christmas and is missed by many.



The O. S. A. Year Book



JAMES SHAW

Northumberland, England, is Jim's home. He left there in 1923 and subsequently entered the O. S. A. coming to us from Lacombe. A good student, a good friend, very popular with staff and fellow students. This year he is the very efficient president of the Students' Council. He is a prominent member of the basketball and football teams, and on Field Day proved that he was an athlete of ability.

DONALD W. SURRATT

"For men may come and men may go,
But I go on forever."

Don came to the O. S. A. from Bentley, Alberta in the fall of '29 and has been with us each term since. As president of the Boy's House Committee, he is the cause of much loss of sleep on certain evenings when the Dean insists on roll call. A good student from all points of view.

ALEXANDER WATT

First heard of in Edmonton, on December 17th, 1911 and is now a power farmer at Beaverlodge. Machinery is Alex's hobby and delight and he spends all his spare moments about it. Enrolled in the fall of '29 he is now a hard working Matric. student, and popular among us.

AMBITION.—A degree in Engineering.

ALBERT WEBBER

Albert was born in London, England, but being somewhat like Macaulay, in that he is of a studious nature, he did not respond to that industrial environment, so at an early age he came to the wide open spaces of Canada. He now lives at Endiang, Alberta, and is the official weed-chaser for that district. He is extremely fond of a joke and very studious.

WEAKNESS.—Batching.

CHARLES WEBBER

From London, England, where he was born in 1907. Charlie came to Canada at an early age and now calls Endiang his home. During the three years that he has spent with us he has shown himself to be highly capable as a student and in social and literary activities. Was president of the Literary Committee term '31, and chairman of the Lit. Programmes on Friday evenings.

SIDNEY J. WRIGGLESWORTH

A native of Bradford, England, coming to Canada a few years ago, Sid soon settled down and in the summer months may be found killing "Rattlers" at the Experimental Ranch at Manyberries, Alberta. Was Lighter Vein Editor for the Year Book staff a year ago, and since has served on the Literary Committee. Captain of the O. S. A. Football team, 1930-31 showing great ability in that capacity. Good luck, Sid.



Education in Old Country Universities

By R. D. SINCLAIR, *University of Alberta, Edmonton*

As one who learned his A. B. C.'s in an Alberta country school where previous classes had not carved their names on the furniture, entered the Olds School of Agriculture in the fall of 1913, where the desks had to be placed in the classrooms as a first laboratory assignment in farm mechanics, and entered the University of Alberta in the fall of 1915 when agriculture was making its debut at that Institution, the thing that made the greatest impression on me when passing into the quadrangles of British and Scottish universities was the extraordinary age of the places. The old stone and granite buildings darkened and mellowed down with the wear and tear of hundreds of years, in many cases completely blanketed with ivy, present a striking contrast to our new frame and brick structures where a few hardy creepers have negotiated a precarious toe-hold. It gives one a thrill to climb college stairways where the stone steps have been grooved out by centuries of traffic, and to attempt to decipher names which were carved in the stone walls so long ago that everything but a mere trace of the original lettering has been weathered away. One realizes that there is something real in what is called "tradition" in old country university life when one dines in the room where Milton and Darwin took their meals as students, and when one visits the various colleges whose alumni include names which stand out as shining lights in the fields of literature and science.

As part of my time was spent at the University of Aberdeen and part at Cambridge University I had an opportunity of making a brief acquaintance with university life in both England and Scotland. In Scotland it is not greatly different to university life in Western Canada. The things that have an application in every day life are prominently to the fore. Scottish universities were superimposed upon a system of secondary education which was very business-like in character, and where no premium was placed on making good use of leisure time. St. Andrews University, the first Scottish university, was founded in 1411, and Edinburgh University, the last, was founded in 1582. At that stage of development the boys attending grammar school started the day any where between 5 a. m. and 7 a. m. with prayer on bended

knee. Following this the chastisements for the day were proceeded with, and from then until 9 a. m. there were lessons. From 9 to 10 was the breakfast hour, with lessons from 10 to 12. The dinner period occupied two hours, and from 2 to 4 Latin was in order. The pupils reviewed their lessons with the masters from 4 to 5 p. m. and from 5 to 6 there was practice in rhetoric. After a half holiday on Saturday the boys assembled at 8 a. m. on Sunday for Scripture study and the catechisms, and then marched to church, to be reassembled at 1 p. m. for questioning on the sermon. This routine was typical of the procedure in the Scottish grammar schools at the time when universities were founded in Scotland, and indicates that they were founded on a basis of first things first. Scottish university life, though greatly changed, is still a serious business as compared with old English university life. The student at Aberdeen University is confronted with a full time-table, attends lectures regularly, writes term and final examinations, and in the main is preparing himself for the business of making a living after he is granted a degree.

The degree of Bachelor of Science in Agriculture is given by the Universities of Glasgow, Edinburgh and Aberdeen. Each has its affiliated college of agriculture close by, and various research institutes at which students in agriculture take special studies.

The relationship between the student body and the university is much the same in Scotland as in Canada. Student government was recognized by an Act of Parliament in 1889 and since then students representative councils have been elected at the beginning of each session. While this council regulates student discipline it is not given the authority which students possessed in Glasgow and St. Andrews Universities early in the 15th century. In these universities which were founded on the plan of certain continental institutions of higher learning, the students ruled the professors. It was the duty of the Rector, who was a student, along with a council composed of students, to keep the doctors and professors under strict control, fining them for absence, lateness, avoiding the difficult parts of their subjects, for attracting too small an audience, and for similar offences. It was the stu-



dent authorities too, who granted the occasional holiday. Scottish university students of to-day no doubt sigh now and then for "the good old days," for the professors now take the initiative in such matters as outlining the courses, setting examinations and granting occasional holidays.

Turning now to English university life, it may be said that there are two types of university life in England, that found in the modern university such as Leeds, Manchester, or London and that found in the old universities of Oxford and Cambridge. Even in Cambridge there may be said to be two kinds of universities, one centering round old "Colleges" with their old buildings and traditions, and the other centering round the new departments such as agriculture, engineering, medicine, etc., where the hand must be trained as well as the mind, and where the modern brick buildings have not been mellowed by centuries of weather and ivy. The main interest in Cambridge, as in Oxford, lies in the old "Colleges." Let me state that I spent my time at Cambridge in active research work in the Institute of Animal Nutrition in the modern buildings, so did not have opportunity for actual participation in the "old college life" there.

Cambridge University rather than being one institution is a collection of very old Colleges together with a number of new and modern departments. It comprises a city of approximately sixty thousand inhabitants, with College and University buildings scattered here and there throughout the city. Originally each of the Colleges existed as a distinct entity, but now while they each operate independently they form as a whole the large Cambridge University. In order to appreciate the organization it must be recalled that when these institutions were founded, religion and higher education were very intimately associated. Peterhouse College, the first established in Cambridge, was founded by the Bishop of Ely in 1281. It was ruled, that in order to be a success, it must incorporate three things: rooms for sleep and work, a church for prayers, and a hall for meals. In accordance with this principle this original college and others which followed were designed to make provision for accommodation for eating, sleeping, studying and worshipping. The visitor to these Colleges today is impressed with the oak panelled dining-rooms, wonderfully equipped with valuable old silverware, handed down through the centuries, the spacious sitting and bedrooms, the libraries which are a wonderful combination of books, bookcases, and statuary,

and the spacious chapels which are a vital part of each College. Special mention may be made of Kings College Chapel, which is one of the finest in England, designed by Henry VI. The first stone was laid in 1446. The chapel is 289 feet long, 40 feet wide, and the ceiling is 80 feet in height. The external and internal architecture is beyond description. Trinity College Library may be mentioned as one of the most interesting, as it contains a rare collection of original manuscripts. It is 200 feet long, 42 feet wide, with a ceiling 37 feet high. The Colleges are built on the quadrangular plan with front entrance through an impressive archway with huge gates leading into the quadrangle surrounded by the various types of buildings already mentioned, and on eventually into the beautiful gardens which comprise what is known as "The Backs" of the Colleges. Most British Universities need a campus to give a "front view," but they lack nothing when it comes to, "backyard charm."

In the modern departments at Cambridge University, lectures and laboratories must be attended if one expects to qualify for a degree. The same extent of compulsion that exists in this country does not prevail and in the older colleges, especially in connection with an Arts education, the tutorial system is in vogue. The student studies on his own initiative to a considerable extent, reporting at intervals to his tutor and preparing the while for a final examination which will come sometime. Generally speaking, there is no hard and fast time-table, and if one exists it is not crowded. There is no bustle or hurrying from lecture to lecture, with only an occasional "spare." A student from the University of Minnesota, after completing a year's post-graduate work at Cambridge, described in a London paper that life at Minnesota was of considerable stress and strain, and she said:

"Compare this picture with your memories of Cambridge or Oxford, memories of beautiful old stone buildings, surrounded by spacious gardens and blossoming meadows. Think of young men in immaculate flannels who play tennis, punt or dream beside the river through every long afternoon, with perhaps one lecture now and then in the morning for amusement or an occasional essay to try their wits.

"Remember that they have three untroubled years in which to prepare for their final examinations in only one of all the subjects every American student must read; that no one 'earns'

(Continued on page 39)



Dormitory Life at the O. S. A.

THE dormitory system at this Institution is now concluding its fifth successful year, and to any student residing within its precincts, its advantages and the life therein, are obvious.

Dormitory life brings individuals in closer relationship to one another, ties of friendship are formed which are lifelong, bonds made which are never sundered. Students dining at the same tables day after day become thoroughly acquainted with one another; topics of interest to the students are discussed, and at the end of the school year, we leave this Institution, the richer by a large number of friends. Perhaps the greatest advantage obtained, however, is the period set aside



THE DORMITORY

each evening for study, which, we feel, is a great help to the ambitious student.

(Concluded on page 46)

The Two-in-One Class

SEVERAL years ago the Two-in-One Course was inaugurated at the O. S. A. to allow high school graduates the opportunity of studying an agricultural course without the necessity of taking again those academic subjects which were studied under the high school curriculum. It is a fact that comparatively few of the farm young people matriculate, owing to the difficulties encountered in attending high school in the various farming communities. Because so few high school graduates continue to study agriculture or domestic science, it follows that our Two-in-One class is comparatively small.

This year we of the Two-in-One Class number eleven students, and though this is a smaller class than those previously enrolled we do not hesitate to contradict any hint of our inferiority. We are quite studious, as was shown by our standing in the mid-year examinations. We are athletic, since we have three of our four girl students in the ladies' basketball team, and the personnel of the men's basketball team includes two of

our class. We are represented by two students in the orchestra, and of course our representation on the various committees and the Students' Council is almost equal to that of the other classes. From these items it will be properly concluded that this class receives more active participation in the various activities and educational facilities than the other classes do comparatively.

We are a very sociable little class, inseparable, and united in our effort, working together in our attention to all school functions, and successful in our undertakings.

Like the other classes represented we are proud of the co-operative spirit engendered between the Staff, the Students' Council and our members. We hope that by our effort we have set an example for the consideration of those boys and girls who follow us through the portals and corridors of the Old School, so that they in their turn may receive the helpful instruction of those whose task it is to lead us to a better understanding of the subjects which we study in our sojourn here. These are some of our assets—let us hope that our faults will remain known only amongst ourselves.

DOUGLAS M. CAMPBELL.



The Two-in-One Class

ALEX BILLWILLER

Billy began his jolly career on a ranch near Hanna. As a diversion from school he enjoys living in real cowboy style. Now instead of riding broncs, he plays his banjo in the orchestra and acts in our plays and Lits. He hopes some day to sell more beef than Pat Burns, and to grow wheat to show at the Chicago International.

CLIFFORD FLOOD

Cliff first appeared in Leduc in 1910. Beside being on the O. S. A. basketball squad he finds much pleasure in debating, and delivering French-Canadian readings. He is now gathering new ideas to use when he owns a farm, but until then he is content to improve practices at home.

DOUGLAS M. CAMPBELL

One of the industrious little group. Doug hails from Leduc, Alberta, where he gained his high school education. His scholastic abilities earned him a year's scholarship at the School Fair Short Course, which he is now taking advantage of at the O. S. A. Always cheery and willing to help—that's Doug. Our class editor on the Year Book.

JEAN E. GRANT

Jean was born in Olds, and has received all of her schooling up through grade 12 there. After attending Camrose Normal School last year she found teaching positions few, and teachers many, so wisely decided to live in her home town and attend the O. S. A. Jean enjoys all athletic activities, especially basketball, dancing and walking with friends.

HYNDMAN EVANS

Born in Ontario in 1913, Hyndman soon moved to Hanna and except for two years in Vancouver has resided there since. He has an active artistic temperament, an excellent baritone voice, and exceptional skill as a pianist, besides being our very busy Social Editor for the Year Book. His studies here are steps toward an ambition—University next fall.

RUTHE HOLBROOK

This is our blonde friend Ruthie, who since 1912 has won hearts in both Brandon, Manitoba, and Strathcona, Alberta. Her fine physique and talent enable her to take part in sports and dramatics. She enjoys life at the O. S. A. but sometimes wishes there was more of it.



The O. S. A. Year Book



HIRAM A. MELENDY

This curly-haired fun-lover comes from Carseland. Though he is our most diminutive 2-in-1, he is unusually popular with old and young. His active mind and exceptional talent enable him to do excellent carpentry and blacksmithing, paint with oils and play the piano, saxophone, guitar, and almost any other popular musical instrument.

ALEEN NOBLE

Aleen first glimpsed the moon in Nobleford where she still views it. Since entering these Halls of Learning she has actively participated in sports and social activities, and for some reason or other has taken a special interest in cooking. Her modest admirable manner has drawn to her a host of friends.

MARGARET TWEEDIE

Margaret has lived in a few countries; first in Yokima, U. S. A., then in Stirling, Scotland, and now in Olds Alberta. She has completed her high school education here. Is not at all boisterous and takes little part in school sports or social activities, for which no doubt she has good reasons; hopes some day to become a school teacher.

ARNIE WEST

On a Radway farm Arnie began to gather knowledge of agriculture and many other things. Besides being an excellent scholar and the biggest man on the basketball team he also serves on the Athletic Committee. A brilliant future is in store for our husky but modest class-mate, whether at university or any place he chooses to go.

O. KEITH ROSENBERGER

Keith's birthplace and present home is Balzac, from where he went to high school in Calgary. Then he came here to learn how to operate a mixed farm as it should be done. He is an ever-smiling, reliable friend, always endeavoring to make the most of opportunities, and always able to enjoy himself with us all.



Notes on the Origin of Cultivated Plants

By C. LEONARD HUSKINS, *McGill University, Montreal*

IN 1882 when de Candolle published his famous "Origin of Cultivated Plants," the idea was widespread that they had all been derived directly through modification from original wild forms. Darwin had stressed the variation which occurs under domestication, and the principle of descent with *gradual* modification was commonly accepted.

To-day we know that many of our cultivated plant species have no single direct ancestor. They are, like mules, "without pride of ancestry," though not, like them, without "hope of posterity." Intercrossing between distinctly different species has been the mode of origin of many of them. In some cases they are the direct product of hybridization; in others a certain intermediate step has been necessary.

To the first class belongs almost certainly the common, large-fruited garden strawberry, *Fragaria grandiflora*. The wild strawberry of New England, *F. virginiana*, was early introduced into Europe. Later a very different wild species, *F. chiloensis*, was introduced from South America. In the middle of the 18th century the large-fruited form suddenly appeared in Europe. There were many speculations as to where it had come from. Some said from Carolina, some from Surinam. One person, Duschesne, believed it to be a hybrid between the two species. We now have very strong evidence that he was right.

This has been given as an example of hybridization *directly* producing a new species of plant, but before we go on to discuss indirect cases, it is necessary to stop a moment to consider one fundamental feature of heredity. The hereditary factors transmitted by any plant or animal to its offspring are, as everybody nowadays knows, carried by certain microscopic bodies, chromosomes, occurring within the cells of which every plant or animal body is made up. It is the first essential of normal fertility that a plant or animal shall receive an equal number of chromosomes from each of its parents and so have in each of its body cells a definite number of *pairs* of chromosomes. Only so can it form germ cells which regularly have just as many single chromosomes as the body cells have pairs of chromosomes and which, uniting with other

germ cells, can produce new individuals again having the paired number in their body cells.

The New England and the South American strawberries mentioned each have twenty-eight pairs of chromosomes. So has their offspring, the garden strawberry. But what happens if two species with different chromosome numbers cross? Some recent work on crossing wheat and rye will serve as an example. Common wheat has twenty-one pairs of chromosomes; rye has only seven. The hybrid between them has twenty-eight chromosomes, but not fourteen pairs. In consequence it cannot produce normal germ cells and is sterile. But fertile wheat-rye hybrids have arisen by doubling their whole chromosome complement, so that instead of having twenty-eight chromosomes they have fifty-six and each chromosome thus finds a mate for itself. Such forms, though hybrid, breed true—except for irregularities—just because each chromosome has an identical mate. This process of origin of a new species by hybridization and chromosome doubling, or polyploidy, has been definitely shown to occur in crosses of Emmer wheats with the wild wheat grasses, *Aegilops*; in crosses of cabbage by radish, and in more than a dozen other cases. From their breeding behaviour and from examination of their chromosomes, we now feel quite positive that common wheats arose in this way; that there never has been a really wild prototype or single wild ancestor; that *Aegilops* is almost certainly itself one of the ancestors of common wheat, and that some form of rye is also most probably included in its ancestry. The same applies to oats. The common wild oat, *Avena fatua*, is quite certainly not the ancestor of cultivated oats, *A. sativa*. Both have twenty-one pairs of chromosomes. Almost certainly they are sister species, both having resulted from the crossing of two primitive species of oats, the one with seven and the other with fourteen pairs of chromosomes. Their *place* of origin was almost surely as weeds in wheat fields, as Vavilov has shown. To carry the story a step farther back it seems equally certain that the fourteen-chromosome parent we postulate was itself the resulting crossing between two species, each with seven pairs of chromosomes.

(Concluded on page 55)



The SOPHOMORE CLASS

WE OF this graduating class, who are standing on the threshold of our entrance into the life of the nation, are bound to carry with us memories of our sojourn at the O. S. A. Such memories will always be fondly cherished.

Our classes have been interesting and instructive, and though we may not have gathered all that has been offered we have advanced at least appreciably in every subject. We have, before now, heard the old adage, "A little learning is a dangerous thing." As we graduate we must realize that our education has only begun, that if we are prone to parade our limited learning we immediately advertise that we are men and women of small calibre and limited mentality. Let us endeavor to remember this.

We Sophomores help to carry on every branch of activity—study, play, sport, literary and social—with enthusiasm and interest, as the graduating class always has done.

The first year and third year students have bowed to us in the debating competitions and we are looking forward, with con-

fidence, to winning the cup this year. We hold in our class talent which is unequalled in acting and stage work, and we therefore expect to carry off the Inter-class Play Shield. At the close of a most successful Field Day, held on November 11, we were proclaimed winners of the cup; we had taken our task very seriously.

The Sophomore girls, though small in numbers, have played an important part in all these activities. Their co-operative spirit stands out in all of their efforts and has gained for them the opinion that they are probably one of the outstanding Sophomore groups in the history of the College.

In closing we wish to express to those who follow in our footsteps the hope that the remarkable spirit of co-operation that has prevailed between the staff and the students may be carried on, a spirit, that carried into all the associations of our lives, may be the means of assisting in building up a better and happier nation for the still better-educated generation which will follow.

J. J. KOEHLER.

FARM WOMEN'S WEEK *at the O. S. A.*

IN JULY 1930, at the request of several Women's Organizations, Farm Women's Week was inaugurated at the O. S. A. The course offered proved so popular that a similar course was arranged for the third week in July, 1931.

The name first suggested "Farm Women's Rest Week" gives some idea of what was in the minds of those who initiated the course. It frequently is difficult for farm women to get away for a holiday, particularly if there are small children in the home. The School of Agriculture suggested itself as a suitable place as it offered comfortable living quarters, attractive grounds, and the possibility of enough interesting demonstration work to have the time pass pleasantly and not without profit.

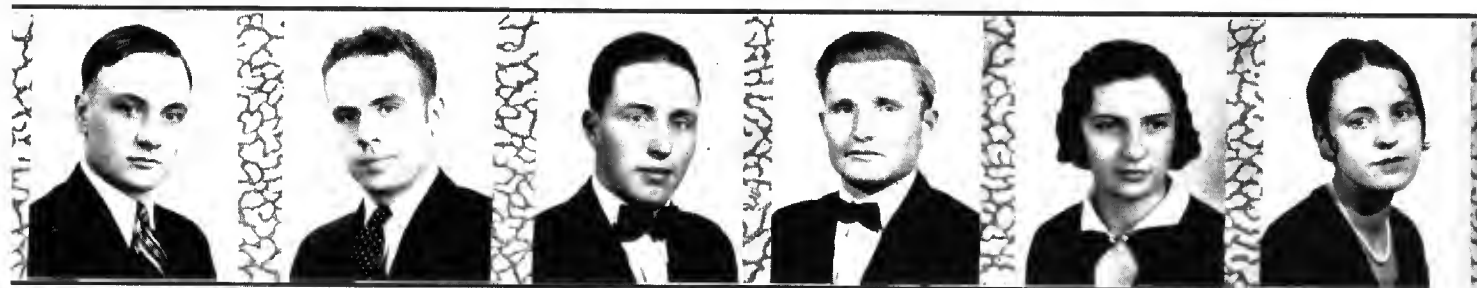
Last year between thirty and forty women attended,—most of them from the central part of the province but a number

from as far south as Lethbridge. The majority represented some rural women's organization but a few were here as free lances. Several had small children who were looked after when their mothers were busy.

Several demonstrations and lectures by staff members were arranged for each of the four days of the course. Provision was made for excursions around the school grounds and gardens so that all might see how shrubs, flowers, and trees may be used to beautify farm homes. Considerable time was left to be used either for rest or as each one pleased. During their short stay they had an opportunity to get acquainted with the staff, to inspect the buildings and equipment and to form a first hand opinion of the value of the school.

Many letters of appreciation of the course were received from the women after they had returned home.

J. M.



The Sophomore Class

ERMAN FOREST ALBRIGHT

First saw the light of day in July 1912, but now lives at Donaldia. A prominent member of the House Committee and Students' Council. Plays a good game of basketball for the school and has been known to do his bit in decorating the gym. Has an entirely happy outlook on life, a pleasing personality, and a pleasant smile.

AMBITION,—To be dean of the dorm.

GORDON ERNEST AGAR

"None but himself can be himself."

Came to Throne, Alberta, in 1929 from Nashville, Ontario, where he was born in 1908. He still acknowledges Nashville as his home town. Was Secretary of the Students' Council in his first year. Came second in practical work as a Freshman. Gordon is Chief Cook of the Fraser-McElroy-Agar outfit and is in his element when making cheese.

RICHARD A. BISHOP

"Never studies, never worries, never known to fail;

Always steady, ever ready, the passing friend to hail."

Dick first opened his eyes on the big world at Carseland, January 8th, 1914. Still lives at the place of his birth. After taking public and part of high school came to the O. S. A. in 1930. He spends much time on the rink and is a hockey player of no mean ability. Baseball is another sport in which he is much interested.

KENNETH S. BROKOVSKI

"Curiosity is the beginning of useful knowledge."

Helped to swell the population of the world sometime in 1908 at Battleford, Saskatchewan. In early youth migrated to B. C. but now resides in Calgary. "Red" is an industrious student, having received a scholarship for making the most progress in his first year. Shows a great interest in all athletic events, especially boxing.

PASTIME,—Teasing the "weaker" sex.

DOROTHEA JEAN CONNER

Was the centre of interest at Warner, Alberta, late in 1911. Attended the Raymond School of Agriculture in 1930-31, but this year we find her in the ranks of the Domestic Science students at the O. S. A. Jean is a prominent member of the class, for besides being an assistant editor of the Year Book staff she has served on the Literary Committee. Her lively nature and friendly temperament have won her many friends.

FAVOURITE SAYING,—"For crying in the soup."

ELLA COOK

A native of Olds where she has lived since 1913. Ella is a proficient skater and an expert dancer. Sewing appears to be the subject she likes best in school. May be seen on the dance floor almost every Friday night—there are very few such occasions that she misses. We wish her luck in her ambition to be a "stenog."



THOMAS B. CORRIGAN

Better known as Tom. One of the boys from Red Deer where he was born in 1911. He is highly respected for his scholarly habits, and we feel that he is acquiring the knowledge that he came here to gather. Quiet and reserved, little given to talking about himself, we don't know much about his ambitions, but we all wish him luck.

WILBUR N. CRANDALL

"Tempt me not from my studies."

First made himself heard in the State of Washington in 1913, but now Chesterwold is his address. An attentive student and a good blacksmith. Carried away a prize for practical work in Agriculture when a Freshman. Wilbur is a keen supporter of indoor baseball, playing that game as often as he can.

PASTIME,—Solving Math. problems.

ELMO FRANKLIN ELIASON

"His friends are many, his foes are few."

Elmo increased the population of Stirling early in 1910. Having received his public school education there he went to the Raymond School of Agricultur in the fall of 1930, coming to the O. S. A. for his diploma. Takes a lively interest in athletic activities, but his favourite is baseball. Carried off various prizes at the Field Day. Secretary of his class for the Spring term 1932. His ambition is to become another "Babe" Ruth.

Page Thirty

ELLEN EVANS

"Winning by nature, Billie by name.

In rain or in sunshine she's always the same."

First appeared in Calgary, 1914, but later moved to Cochrane where she obtained her public school and a part of high school education. A great favourite amongst all her classmates, she has taken part in various activities, being a member of the Social Committee in the spring term 1932.

PASTIME,—Walking with a certain Two-in-One.

ROBERT C. EWART

"A good companion and as firm a friend."

Born in Calgary, August 20th, 1911, later moving to Wetaskiwin where he took part of his high school training. Bob is an intelligent and earnest student, fond of debating but rather modest at times. Representative of his class on the Students' Council and Vice-President of the Boys' House Committee.

PASTIME,—Getting tied into knots by Albright.

JOHN W. FARNALLS

"Taking the world as he finds it."

Born January, 1912, at Halkirk, where he has lived ever since. John is an industrious student who loves to argue the point. He expresses a desire to gather up a cool million in his spare time. Although somewhat doubtful as to his actual wishes he shows an inclination towards mechanics and electricity.

MOTTO,—"Life's too short to hurry, and yet too long to worry."



The O. S. A. Year Book



LEON D. FRASER

Born at Iron Springs, Alberta, in 1910, and still lives there. A popular member of the Sophomore Class, well liked because of his pleasant smile and happy disposition. Capably fills the position of Secretary and Business Manager of this Year Book and was also Class President in the spring term of his first year. Takes a keen interest in inter-class plays, and likes indoor baseball and skating.

AMBITION,—5 a. m.

DORA MAY HANNAFORD

Born at Howie, Alberta, in May 1914, where she still lives. After attending school there she entered the O. S. A. in 1930 and is one of the few freshettes who came back for their second year. Prominent in many school activities, she represented her class on the Year Book staff of 1930-31, and this year is a member of the Social Committee. Her pleasing personality has won her many friends.

ROBERT HENRY HANNAFORD

"He casts a cheerful smile around."

Bob was born at Fairlight, Saskatchewan, in April, 1911, but later moved to Jenner, Alberta, where he takes part in the farming and ranching operations of the community. Came to the O. S. A. in 1930 to help himself toward a better knowledge of scientific agriculture. Can often be found arguing with John Farnalls. Plays baseball and is interested in boxing, dancing, and eating.

BERNARD W. HAYS

One of the downtown boys. Barney was born at Crossfield, August 9th, 1915, and has since moved to Olds. He takes a keen interest in all kinds of sport, enjoying skating and hockey particularly. A good hand at basketball which he plays whenever the opportunity offers. Although he is the youngest member of the sophomore class, he is by no means the least.

MARVIN F. HENKER

Young rancher from Granum, where he was born in 1915. Entered the C. S. A. last year and came on to Olds for his second year. Very little is known of this member of the Sophomore class. He is very reserved, talking but little of himself. Plays baseball and spends some time skating. A good worker, well-liked by all for his fair play.

FAVORITE EXPRESSION,—“You're getting no better fast.”

JOHN A. HOLMBERG

“His humble, pleasing, modest manner is surely to be envied.”

Made his first appearance in Winnipeg, November 1912, but at present lives at Hay Lakes, Alberta. He has proved himself to be an excellent student and an ardent supporter of indoor baseball. John won the prize for Oral Essay in his first year. We venture to predict a real future for him.

MORNING CHORE,—Waking “Shorty” for breakfast.



The O. S. A. Year Book



EDWARD CHARLES KERRY

From Stourport, England, where he was born in 1910. Now lives at Wetaskiwin, Alberta, where he moved after emigrating to B. C. Ed. was our 1931 Class President and looks after the poultry department while attending school. Though quite irresponsible he enjoys reading organic chemistry and studying explosives. One trying pastime is to annoy Mr. Kemp during Botany classes.

AMBITION,—To make something out of nothing.

JULIUS J. KOEHLER

"He worked while others slept."

Julius is a real hard worker behind the scenes and as a debater he is unsurpassed. At Claresholm, where he won a medal for stock judging, he was an active participant in all literary affairs. Assitant Editor of the C. S. A. Magazine 1931. At the O. S. A. was class secretary in the fall term 1931, President of the Literary Committee 1932, and class editor of this Year Book. Besides standing high in the sophomore class he finds time to take some third year subjects. His future success is assured.

MARY R. LAYCOCK

Born in "Cowtown," 1911, but soon moved to the country. One of the irresistible Soph. girls. Educated at a rural school, she came to the O. S. A. with the intention of taking the Domestic Science course. However she changed her mind and is taking Agriculture instead. Mary is very popular with both boys and girls, having served on various Committees. One of her assets is a charming voice which is much appreciated at the "Lit" meetings. A real sport.

Page Thirty-two

DONALD E. LITZ

"Had he been caught young he might have been tamed."

Born at Namaka in 1915, shortly afterwards moving to the States where he remained until 1927 when he settled down at Swalwell, Alberta. After taking part of high school Don came to the O. S. A. to study scientific agriculture. An enthusiastic indoor baseballer. He is well liked by all his fellow students who join in wishing him success.

ARCHIE ELMER LOCKHART

Popularly known as "Curly." Born at Gunton, Manitoba, in 1914, later moving to Bowden where he still resides. Having won a scholarship for School Fair work, he came to the O. S. A. to make use of it. He is a keen dancer and may be seen on the floor every Friday night. His ambition is unknown, but Oh! what a grand gentleman of leisure he would make. Shows a decided weakness for the downtown girls.

VERNA LORD

Rosetown, Sask. is Verna's home. This quiet, studious, rather retiring student was well liked by all those who came in contact with her. A valuable member of the Social Committee in the Spring Term 1931. Played the violin in the school orchestra in her first year. Standing at the top of her class she won the scholarship for general proficiency. Verna did not return after Christmas but her class mates wish her happiness in the future.



BELINDA A. McCREEDY

"She's little, but she's wise
She's a terror for her size."

This sturdy farmerette originated at Ewing, Alberta, in 1910 but moved to Fenn in 1916, where she still resides. Bel holds her own against her fellow students and can wield the hammer in the blacksmith shop as well as anyone. Topped the class in Irrigation. The songs she sings at the "Lit" are always well received.

WINSTON L. McELROY

Though Medicine Hat is his birth place his present home is near Calgary. Entered the O. S. A. in 1930 and filled the position of Secretary of the Literary Committee with fair success that fall. Takes a keen interest in public speaking and debating, and is generally quite a studious individual. Spends considerable time sawing wood and washing dishes at his downtown domicile. Is sometimes seen with a certain Freshette.

WILLIAM DONALD McLEAN

"Oh, What a laugh!"

Born at Macleod in 1911 where he still resides. Took his first year at the C. S. A., coming to the O. S. A. in the hope of finishing his course. Our Class President for 1932. Tall, handsome and blond. The north wing of the dormitory provides a great attraction for him. He is interested in indoor baseball and plays on the second year team.

FRED E. MILLER

Born in Olds in November 1911, he still lives here, though he has spent some time in Athabasca, Alberta. Came to the O. S. A. in 1930 where he has proved himself a good student and a versatile musician. In his first year he was a member of the O. S. A. Orchestra, and this year is often heard playing the different instruments on the dias. Fred is quiet and well-liked by his classmates.

EDWARD G. MORLEY

Originated in the "Coal City," April 1912, where he still resides. Ed has had a varied education, having studied at his home town school, in Calgary, and at the Edmonton "Tech." He was a member of the Students' Council in his first year. Plays the traps for the school orchestra this year, and is a member of the Melendy-Morley guitar troupe which entertains at the "Lit" meetings.

PASTIME,—Playing on the mandolin.

GORDON A. MORPHY

A native of Olds district, born in 1912. Gordon is Field Day Champion, for which he received the Cup last fall. A splendid all round athlete, prominent in all of the athletic activities of the school. Plays both basketball and hockey on the regular teams, and spends much time in the gym. Makes a hobby of mechanics, and hopes to become an electrician. Won a prize for grain judging at the Alumni Reunion.



The O. S. A. Year Book



VERNON THOMAS MYATT

Born in Edmonton in December, 1910, where he gained his education and considerable experience in dairying during his holidays. Vernon is a prominent member of this Sophomore class, and is greatly interested in all athletic activities. President of the Athletic Committee in 1932, and manager of the rink. He plays a fine game of hockey and is on the O. S. A. team. It is rumoured that his ambition is to be a Senator.

EDWARD CARLYLE PECK

"Comrades leave me here a little,
While as yet 'tis early morn."

Born in Portland, Oregon, in 1910. Has travelled extensively in the U. S. A. and Canada, finally ending up at Lethbridge. First year taken at C. S. A. Member of the Literary Committee fall term 1931. Took a prize at Claresholm for public speaking and enjoys debating on any subject at any time. Carlyle is our Lighter Vein correspondent on the Year Book Staff.

AMBITION,—To be early to Animal Husbandry class?

JOHN B. REED

Born in Nova Scotia he has spent some time in various cities in Canada. Is really in a class by himself as he is taking a special course which includes both Second year and First year subjects. As the Editor of this Year Book he has shown himself to be a man of great ability. Represents the Second Year class on the Social Committee, Spring term 1932.

PASTIME,—Playing Badminton.

HYNES A. RIESTERER

"He wears well on acquaintance."

Born in May, 1912 at Lacombe, where he still resides and may be seen, during the season between terms at the O. S. A., indulged in a little farming. An ardent hockey player, which is apparently his only athletic activity. Makes a hobby of fixing any mechanical devices he can find.

AMBITION,—Varsity and ? Good luck, Hynes!

HAROLD E. RIPLEY

"His talents show success is near,
He's mirthful, gay and full of cheer,
What's more—his friendship is sincere."

Harold first called for his bottle at Edmonton early in 1914, but later moved to Spruce Grove where he obtained his public school education. Not being satisfied, however, he came to the O. S. A. to acquire more knowledge. Interested in all sports, particularly hockey, baseball and football.

PASTIME,—Keeping goal for the Soph's hockey team.

MARY M. SEMPLE

Claims Alix as her home where she was born in December 1913. After receiving her public and high school education there she came to the O. S. A. as a Domestic Science student in 1930. Has held various committee positions and is the Treasurer of the Students' Council this year. Mary would like to become a nurse, we wish her luck in this ambition. A popular member of the Sophomore class, with a pleasant smile and friendly manner.



The O. S. A. Year Book



STANLEY E. SORENSEN

"Thou art a fond fantastic boy, and of the females coy."

Claims Holden as his birthplace, and the date, sometime in December 1912. Took his first year at the O. S. A. 1929-30. One of our wrestling and boxing enthusiasts, he may be seen on the mat in the gymnasium almost any Tuesday night. Amongst other accomplishments he has earned a reputation as a barber.

FAVOURITE SAYING,—“Step on it, Freshie.”

JAMES M. STAWART

“Smilin’ through.”

Jimmy, whose smiling countenance you see before you, was first brought to light in Scotland. At an early age he migrated to South America, but, finding the mosquitoes very unhospitable there, he soon moved to Homeglen where he still resides. He is the captain of the “B” division, second year men’s indoor baseball team. He is a real lady’s man, being especially popular with a certain brunette. However he hopes to be able to concentrate someday.

HERBERT M. TAYLOR

Though born in Calgary in July, 1909, Herb has had a wide experience in moving about, and has finally settled down at Scapa as a dry farmer. An attentive student, his main object at the O. S. A. seems to be to find a forage crop that is drought resistant enough for the Hanna district. Takes his exercise at hockey and skating. Herb has an ambition to work for the Government.

HOBBY.—Burning iron in the blacksmith shop.

EFFIE THOMISON

A native of Hainstock, Alberta, where she was born and educated. Came to the O. S. A. in 1930 and entered the Domestic Science class. Retiring of disposition with a quiet personality, she has made many good friends here, and is well-liked by all. Takes an active interest in all of the activities of the School, and does a good job of anything she undertakes.

PAULINE E. SULMAN

The people of Coleman first heard of Pauline in the spring of 1912. Since then she has proved her ability while residing at Carstairs as “right hand man” to Mr. Chas. Yule in his farming operations. Has taken part in the inter-class plays at the O. S. A. year with great success, and is also a member of the Students’ Council. In her first year she won the prize for general progress, as well as one for sewing.



The O. S. A. Year Book



WINNIFRED THOMPSON

Universally known as Winnie. Born and educated at Granum where she still resides. Entered the Claresholm School of Agriculture as a Domestic Science student, and earned there the Pat Burns' scholarship for general proficiency. As Vice-President of the second year class and a member of the Athletic Committee she has played her part in the life of the O. S. A. A quiet and popular member of her class, she is well liked by everybody.

PATRICK H. WALKER

Born at Hull, England, in 1912. Attended Hymers College, later emigrating to Alberta in March, 1930. Enrolled as a freshman in the fall of the same year, showing his scholastic ability by winning the general proficiency scholarship. Returned to lead his class at Christmas. Capably fills the positions of Editor-in-Chief of this Year Book and Vice-President of the Students' Council. Pat is of a retiring disposition, but shows signs of overcoming this especially with the fair sex.

HOBBY,—Work.

AMBITION,—To grow a moustache.

CLAYTON I. WELSH

Born in Ethel, Ontario, in 1914, but came to Olds at an early age. Clayton is a member of the Sophomore hockey team, he also plays basketball and is fond of skating. This red-headed, happy-go-lucky, good-natured student is a popular member of his class. Nothing much more is known about him except that he has a weakness for car-riding.

WINNIFRED MARGARET WOLFERSTAN

This biography relates some of the accomplishments of Peggy of Alix, Alberta, since 1912. Educated at her home town and in Edmonton she came to the O. S. A. in 1930 and is taking the Agricultural Course. Proficient in class work and oratory, as well as athletics. Our 1931-32 Field Day Champion. She is a member of the Athletic Committee. Member of the Girls' Basketball Team. She is also a keen skater and dancer.

RALPH YAUCH

"Never an idle moment but thrifty and thoughtful of others."

First winked at the nurse in Langdon 1910, but now resides in Olds. Ralph is an able organizer, having done much towards the social activities of the O. S. A. He has held responsible positions on the Social Committee, having been President in the fall term 1931. A very popular figure on the stage, not only as an actor but also as a debater. A great future lies ahead of him.

PET SAYING.—"I guess this is my week, Mac."

PASTIME,—Breaking plates and making dates.



The FRESHMEN CLASS

THE first few days of the fall term were trying ones for the Freshmen. We all came with a desire to acquire knowledge, but found our efforts hindered by the Sophomores. These kind-hearted individuals informed us that we would have difficulty in satisfying our desire unless we followed certain regulations which they had laid down for our special benefit and guidance. The adherence of the first year men to these regulations caused the trying time. After obeying reasonably well during the usual period of initiation informalities, and having passed unscathed through the final stage of the ceremony, we were allowed to proceed with our work.

At first the days passed slowly, but soon the weeks seemed to take wings, and Christmas was upon us with its hectic period of preparation for the mid-term examinations. Even now the end of the spring term is rapidly approaching, and we are about to enter upon another period of intensified study so that we may endeavour to give a good account of ourselves in the final examinations.

We have all had the opportunity of learning something useful at the school, and we are sure the majority of us will be able to use it for our practical good in years to come. For instance, should a glib-tongued seed merchant try to persuade us to grow a wheat which was prolific in the days of the Pharoahs, we will employ

our better judgement, and carry on with one of much more recent origin. Again, if told to make a "hot-bed" we will know better than to interfere with our own humble cot.

The Freshmen have taken their part in all school activities. Our class was well-represented in the running of the Field Day, and the basketball team includes a star from our midst; many of us are expert skaters and hockey players, and we enjoy taking part in the social evenings on Friday night.

The Freshettes are a quite famous and very important part of the first year class. They take a highly active part in all of the school activities, and to a great extent do their part in making them successful.

In closing let us hope that as many of this year's Freshmen and Freshettes as possible may return next year to resume their studies at the O. S. A. as Sophomores.

P. G. CRAWFORD.



FIRST YEAR CLASS

THEY laughed when I sat down at the piano—but when they saw my Domestic Hands!

* * * *

Miss McIntyre: "If you wish to reduce you must eat only fruit, toast, lean meat and drink only orange juice."

Freshette: "Before or after meals?"



The O. S. A. Year Book



Literary Committee

1931

CHARLES WEBBER, 3rd YR. PRESIDENT ~
 MARJORIE CAWDRON, 1st YR. VICE-PRES.
 PETER CRAWFORD, 1st YR. SEC. TREAS.
 CARLYLE PECK, ~ 2nd YR.

DOUGLAS CAMPBELL 2nd IN 1
 JEAN CONNER 2nd YR.

1932

JULIUS KOEHLER, 2nd YR. PRESIDENT
 MURIEL MALCOLM, 1st YR. VICE PRES.

ARTHUR DIXON, 1st YR. SEC. TREAS.
 HYNDMAN EVANS 2nd IN 1
 MARY LAYCOCK 2nd YR.
 ERNEST PITMAN 3rd YR.

SOCIAL COMMITTEE

1931

RALPH YAUCH, 2nd YR. PRESIDENT
 DORIS SECORD, 3rd YR. VICE-PRESIDENT
 JENNIE ROWELL, 1st YR. SEC. TREAS.
 DORA HANNAFORD 2nd YR.

RYTHE HOLBROOK 2nd IN 1
 MITCHELL GARRITT 1st YEAR
 W. DERMIDIS

1932

J. MAC GREGOR 3rd YR. PRES.
 NANCY WOLFERSTON, 1st YR. VICE-PRES.

KENNETH THOM, 1st YR. SEC. TREAS.
 JEAN GRANT 2nd IN 1
 ELLEN EVANS 2nd YR.
 J. B. REED, ~ 2nd YR.



The LITERARY

THIS committee makes the arrangements for the literary programmes given Friday nights as a permanent part of our school work. Such Lits. provide an opportunity for budding politicians, musicians, elocutionists and amateur actors to practice before an audience.

Each class in turn puts on a programme consisting of such items as musical selections, plays, recitations, speeches and the reading of the "Chinook." This latter organization covers a summarization of the events of the week in our college life.

A large part of these evenings was extremely well employed in the staging of several excellent debates. These were organized on the basis of an inter-class competition, the final being for a very handsome trophy in the form of a Cup. The public speaking contest gives a splendid practice and training in the art of oratory. Many interesting and educational speeches were delivered this year. It is the aim of our Committee to make the literary studies

Sunday Night Talks

USUALLY it takes quite a lot to keep young folks away from their Sunday night strolls, but when there are such speakers as Mr. Fisher and Mr. Kemp to be heard, walks are at once forgotten.

The first narrator this year was Mr. W. H. Fisher, who gave an interesting portrayal of that famous and tragic play Shakespeare's "Macbeth." In his characteristic manner he made the individuals of the play live before our mind's eye. As he painted scenes of beauty or of horror, scenes of fruitfulness or scenes of desolation, we saw them as clearly and forcefully as though they were stretched before us in a colorful, panoramic view.

Mr. Kemp, in the spring term, gave a vivid picture of his experiences in the Battle of Amiens, and showed us what war really is. His discourse was supplemented by maps showing where the different activities took place. Seldom does one hear a person who can make such repulsive scenes of bloodshed and carnage interesting and fascinating. Mr. Kemp certainly succeeded

ungodly war as the last.

As we go to press we receive the announcement that another Sunday evening is to be made enjoyable by a talk by Mr. Fisher on the subject of his experiences in the Yukon.

We sincerely thank these gentlemen for so kindly providing for us these interesting talks, and we hope to be able to listen to them often in the future.

* * * *

EDUCATION IN OLD COUNTRY UNIVERSITIES

(Continued from page 23)

his way through college (unless by scholarships); that a high premium is put in a talking knowledge of art, music and literature, and a good game of tennis; and that little is thought or taught of sociology and the common facts and duties of citizenship, or the vulgar subject of how to earn one's living. At Cambridge or Oxford hardly any one knows whether you work or

(Concluded on page 54)

Inter-Class Debates

GREAT interest was taken in the inter-class debates this term by the student body as a whole. The debates were interesting, and splendid struggles for victory were made by the contestants. Topics, that were engaging the attention of the world at large, were chosen, which assisted materially in making them most absorbing.

The winners of the inter-class debates were the representatives of the Sophomore Class—Messrs. Ralph Yauch, Pat Walker, and Julius Koehler and Misses Mary Laycock and Peggy Wolferstan.

A summary of the topics, contestants, and winners is as follows:

ON JANUARY 8th, Clifford Flood and Alex Billwiller, speaking for the Two-in-One class, opposed Chum Ditzler and Alfred Groom, who were representing the third year. The topic was "Resolved that the time is now ripe for Great Britain to withdraw from India and grant her complete independence." The decision was in favour of the third years who supported the negative.

ON JANUARY 15th, the second debate was held, between the first and second year boys. The topic was "Resolved that co-

operative banking would solve the western farmer's financial problems." Peter Crawford and E. Erickson, representing the first year, fought bravely on the affirmative, but the negative side upheld by Pat Walker and Julius Koehler were able to secure the judges' decision by a slight margin.

ON JANUARY 22nd, the debate offered something new. The representatives of the first and the second year girls argued on the topic of "Resolved that the practice of instalment buying has harmful and social economic effects." The Misses Mary Laycock and Peggy Wolferstan supported the negative, and Misses M. McNichol and Betty Fraser, the victors, upheld the affirmative.

ON JANUARY 29th, the fourth of the series was held between the second and third year classes. The subject of their debate was "Resolved that the right to bequeath or to inherit be limited to reasonable provision for dependents." James Shaw and Alfred Groom spoke for the third year on the negative. Ralph Yauch and Julius Koehler, who supported the affirmative, were awarded the decision.

ON FEBRUARY 17th, the concluding debate was between the first year girls and the second year boys. The representatives of the former were Misses M. McNichol and Betty Fraser; the latter were Ralph Yauch and Julius Koehler. The topic of "Resolved that married women should not work for pay outside of their homes" was hotly contested. The judges, after considerable deliberation and discussion, decided in favour of the boys.

Due thanks must be given to the judges who so kindly assisted in making these debates the success that they were. They were sponsored by the Literary Committee with the objective in mind of giving educational material in an interesting manner and to provide entertainment.

The cup, presented to the class winning the competition, is one of the most striking aspects of these debates. It helps a great deal as an incentive to the classes and their respective representatives. The student body co-operated marvellously with their representatives, and the Literary Committee, in helping to promote these debates through their lively interest and boosting.

Outside Speakers

ASIDE from our usual social and academic life we have received much information and entertainment from outside speakers. This year, among those who spoke to us, was the Honourable Irene Parlby, who attended the League of Nations



Conference in 1930 as a representative for Canada. This speaker gave a very interesting talk on her experiences, the work carried on, and her general impression of the Continent. A second talk was given by Dr. Talbot, the Provincial Veterinarian, interesting and bringing to us an idea of the Royal Winter Fair at Toronto, which he attended, and also a lecture upon certain important contagious diseases prevalent among our farm animals.

In the beginning of the spring term we were fortunate in having Mr. Eisenhauer of the Lethbridge Northern Irrigation Project give us a short course in Irrigation, which was highly instructive. On February 23rd, we received a visit from Mr. J. F. Cook, lecturer from the Dept. of Health, who with the aid of lantern slides gave us an interesting lecture upon the subject of health.

The Inter-Class Plays

THIS was the fourth year of the Inter-Class Play Competition for the MacKenzie Challenge Shield, which was offered for the purpose of stimulating an interest in dramatic art in our college.

The plays this year were of surpassing merit. A wide variety were presented,—drama, melodrama, and comedy. The marks awarded by the judges were all within a very close range, showing that the plays were of much the same excellent quality.

The first play presented was that of the Two-in-One Class, "Lake Doré" a drama with light touches of humour here and there. The deep feeling displayed by the actors and their marvellous acting brought this play to first place.

The next play was a comedy given by the First Year Class—"At the Junction." This play was very amusing and kept its audience in the throes of laughter continuously.

The third play, a melodrama named "Marrying off Father" was presented by the Second Year Class. It showed what was going on within a family of two boys and a girl who were deep in intrigue in an endeavour to prevent their father, a widower, from marrying any of his many ardent admirers.

The last play, Acts IV and V of "Abraham Lincoln," presented by the Third Year Class, was an excellent portrayal of the latter life of Abraham Lincoln from the time of the emancipation of the slaves until his death.

The Oratorical Contest

How often is it not said that a person is judged by his speech? People, as a general rule, take great pains with their writing but they talk without regard to the principles that they are so careful to follow "when they take pen in hand." As a result their speech habits encroach upon their writing and, ergo—their writing suffers! Would it not be to far better advantage to take more pains in their speech? Their writing would necessarily benefit, for after all when one writes, is it not just speaking through the medium of paper and ink.

The Literary Committee realized this and initiated the Annual Oratorical Contest. Their object was to provide a means for students to learn how to arouse interest through their speech as a finished product, characterized by cleanness, force and eloquence, and appealing to the intellect, the emotions and the aesthetic sensibilities. As a greater inducement, prizes were provided each year. This year three medals, one of gold, one of silver, and one of bronze, were offered to the three contestants standing highest.

Several entries were made for the contest, which was held Friday evening February 19th. These speeches were all of such fine quality that the judges found great difficulty in selecting the winner. Their decision is given in the order of merit as they found it: Alex Billwiller, of the Two-in-One Class, who spoke on "World Disarmament," Douglas Cambell, also of the Two-in-One Class, whose topic was "Manchuria," Dora Hannaford of the second year class, the only girl entrant, her subject being "Poverty in India."

The medals, suitably engraved, were presented at the closing exercises.

SCHOOL YELLS

Chow, Chow, Cataup, hot and cold-
Boomerangs, Boomerangs, Blue and Gold-
Razoo, Bazoo, Zip, Boom, Bam-
Agriculture, Horticulture, Mathematexam.
Alpha, Gamma, Agricola-yea-
O. S., O. S., O. S. A.

Agriculture, Agriculture, Rah, Rah, Rah,
Agriculture, Agriculture, Sia, Boom, Bah
Agricola, Wa, Wa,
Agricola, Zip,
Reubin, Reubin, Hip, Hip, Hip.
A G R I C U L T U R E
O L D S



The SOCIAL COMMITTEE

AS THE name implies, the Social Committee is responsible for the maintenance and the furthering of social activities within this institution, and although the tasks which are assigned to this Committee are not as difficult or varied as some of the other committees are called upon to execute, nevertheless its work holds a very important place in the school life.

Early in the fall term it was decided that this Committee should sponsor the practice dances, which were held one afternoon each week after school in the gymnasium. The purpose of these dances was to educate the most inexperienced students in this delightful and ancient art. The dances were capably supervised by Mr. Phillips, Miss Elves and Ralph Yauch, with the result that many a shy retiring student is now able to take his or her place on the dance floor with little or no hesitation. Owing to their success from the start they were discontinued at Christmas, further practice being considered unnecessary.

Through the terms, fall and spring, once each week on Friday evenings, the school gymnasium has been the scene of an enjoyable and entertaining dance. While each of these has been sponsored by one of the various integral parts of the school body, the Social Committee have been behind the scenes to superintend, lend a helping hand, and advise the organization responsible.

Another term is drawing to a close, and we are pleased to be able to state that the social activities seem to have been among the most successful that have ever been enjoyed at the Old School, and we believe them to be worthy of the honour of being held as an example for future years.

We wish to thank those who have helped make this possible; the student body and the teaching staff.

J. M. MACGREGOR.

The Staff Reception

ON THE evening of October 23rd, we assembled at the gymnasium for the first of our long series of social events, the Staff Reception. We were courteously welcomed at the entrance by Mr. and Mrs. James Murray, and other members of the Staff. Then we passed in to the charmingly decorated gymnasium.

Two skits, presented by the staff, were very interesting, and went a long way in dispelling the bashfulness that seemed at first to cloud the gathering. Many jolly games were then introduced, all with the objective of thoroughly mixing the gathering, and they certainly succeeded. Dancing then became the order of the evening, and then the lunch served by the staff was delightful. As the Romans said, "tempus fugit," and the reception came to an end. Everyone left, having a better and friendlier conception of the Staff, the other students, the College, and life in general.

* * * *

Kerry: "What would happen if water ran into a pit silo?"

Mr. Phillips: "Your silo would be partly full of water."

The Christmas Entertainment

NEVER was there such hilarity and joyous relief to be seen as among the students at the Christmas tree—no more exams, soon to be going home and a wonderful evening ahead of them.

The gymnasium was decorated in truly festive mode. The two trees on either side of the stage added just the right touch to the hall.

At the door was stationed Miss M. Cawdron, attired as a Red Cross Nurse, who received donations, from the students as they entered, for the Red Cross Emergency Relief Fund.

A number of carols led by Mr. Benn opened the concert. These were followed by a Christmas scene.

Mr. J. Shaw, President of the Student's Council made a very excellent speech.

The last item on the programme was an address by our Principal, Mr. James Murry, and the presentation of last year's scholarships.

And then the dancing began—and such a dance! In the



wce sma' 'boors ayont twel' the dance broke up when the gathering, tired but happy, betook themselves to their trains or to bed.

* * * *

The Boys' Dorm. Dance

ONE of the most successful social evenings of the year was on Friday, February 13th, the night of the Boys' Dorm Dance. The decoration of the gym was quite original. Colourful streamers, emanating from around the central light, went to all sides. On each side of the orchestra was a lounge, arranged for the especial comfort of the patronesses, Mrs. Murray, Mrs. Grisdale, and Miss Rogers and for the staff. With the moon overhead, appearing with its knowing smile, the effect produced was quite unique and charming.

The supper was all that could have been desired. After supper the dancing recommenced and continued till one a. m.

It was very apparent that this was one of the most enjoyed of all our dances.

* * * *

The Girls' Dorm. Dance

SOME time after the Boys' Dorm Dance came the Girls' Dorm Dance. This dance marked one of the high water marks of the social activities of the year. The girls, filled with the spirit of emulation, spared no efforts to at least equal the boys' dance.

The gymnasium was decorated throughout in the school colours. Streamers of blue and gold were draped across the entire breadth of the hall. The main lights were covered with rosette-like coverings. When the main lights were turned off lights at either end gave a beautiful twilight effect. Then, when the moon came out nothing was lacking but a few stars and the rippling of waves to complete the scene. The entire effect was one of restful beauty.

Novelties, such as paper hats, confetti, and other such attendant articles were distributed at various times which helped to add materially to the dance.

A delicious luncheon was served after which the dancing recommenced with greater vigour than before.

At one o'clock a great lamentation was heard when the orchestra began to play Home Sweet Home.

The girls are to be highly congratulated upon their dance and we hope to see another in each term to come.

The Alumni Reunion

THE semi-annual reunion of the Alumni Association was held on January 4th, the opening day of the Spring Term.

In the afternoon the members attended the Seed Fair. The entries were all very good this year. The first prize in the grain judging competition was awarded to Daniel Bolt, one of the Alumni and the second to Gordon Morphy, a student.

That evening the Alumni and the students gathered in the dining hall for the usual banquet, at the conclusion of which, speeches were made by various people present.

The dance following the banquet was well attended and greatly enjoyed.

Regardless of the fact that the number of the Alumni present was small, the reunion was very successful.

* * * *

The Class Dances

THE Friday following the Staff Reception we were entertained by the Class Dance of the Third Year.

The decorations, the lunch and the music were especially good. Everyone enjoyed themselves to the utmost.

The next class dance was the one presented by the Second Year and the Two-in-One students. The gym was well decorated and the lunch excellent while the syncopating lilt of the orchestra was absolutely contagious.

The last class dance was that of the Freshies, who, not wishing to be outdone, put on a Novelty Dance. Much praise is due to them for this excellent entertainment. Nothing was omitted that would help to make it a greater success.

* * * *

The Committee Dances

THEN of course, there were the dances of the various committees, the Athletic, the Literary and the Social.

Perhaps the two most outstanding of these dances were the Hard Time Dance and the Leap Year Dance.

If one had looked in upon the Hard Time Dance they would have been convinced immediately that there was dire poverty throughout the land. This dance was thoroughly enjoyed by all.

(Concluded on page 54)



The O. S. A. Orchestra

THE school orchestra this year presents an almost complete change in membership over that of last year. Practically all the present members came to the O. S. A. with some previous experience, thus permitting a quick getaway and enabling the orchestra to supply music for all dances after the Staff Reception.

The officials of the Alumni Ass'n thought well enough of their work to engage the boys for the Reunion dance, January 4th, and expressed themselves as being well pleased with the result.

The orchestra has been available at all times for school functions at a fraction of the fee charged by outside organizations. While the aggregation is in no sense perfect it has been able to furnish music good in time and rhythm, which has been voted very satisfactory by the dancers. The members have worked together with as great a degree of harmony as is usual in musical organizations and I believe all have enjoyed the associations throughout the year.

The personnel and instrumentation of the orchestra is as fol-

lows: W. S. Benn, Violin and leader; Geo. R. Holton, Clarinet and Sec'y Treas.; Hiram Melendy, Saxophone; Alex. Billwiller, Banjo; Pearl Jack, Piano; and Edward Morley, Drums. The orchestra wishes to acknowledge with thanks, assistance at various times from the following: Hilda Albrecht, Margaret O'Brien, and Stan Edwards, Piano; and Freddie Miller, Saxophone.

G. R. H.

* * * *

Mr. Yauch: "Whenever I see this ill-assorted conglomeration of hopeful youth (an incoming class of Freshmen), they call to my mind the young lady who said to her physician: 'How soon will I know anything after I come out of the anesthetic?' 'Well,' replied the doctor, 'that's expecting a good deal from an anesthetic.'"





The O. S. A. Alumni Association

By THOS. SIGURDSON, *President*

HAVING been connected with the Association in various ways from the time of its inception, and knowing something of its struggle and its accomplishments, I feel that the future of the organization may be regarded with optimism. Most similar enterprises have their periods of difficulty,—years of low membership and limited income—but such periods frequently enable them better to carry on when more prosperous days return.

During the buoyant years preceding 1931 we were able to build up substantial reserves which are now enabling us to function satisfactorily. We have at present the strongest organization of its kind in the province and there is no reason why we should not remain on the van of progress. Our destiny lies in our own hands.

Those about to join the ranks of the Alumni may well ask what we get out of our organization to repay our efforts. Those who return to the various reunions will agree that such social gatherings are bright spots in the year. They serve not only as a means of renewing and enlarging old friendships but also in making new contacts with the graduates of more recent years. They recall pleasant memories of years gone by and engender a spirit of good fellowship with all those associated with the school.

The Alumni Association has been responsible for the organiza-

tion of the two Experimental Unions,—one for the boys and one for the girls. The annual distribution carried on by the boys' union has been the means of improving the quality of the crops on hundreds of farms each year and of enhancing the appearance of hundreds of farmsteads by its gift of brightness in the form of annual and perennial flowers. The Annual Seed Fair has attained a standing surpassed by few in the province.

The O. S. A. Extension Library has always received the active support of our Association. From small beginnings it has grown until now it has on its shelves upwards of five thousand volumes,—fiction, literature, history, and biography, as well as books of a technical nature. For a nominal fee these are available to all Alumni members.

With the return of better times the O. S. A. Alumni Association will widen the scope of its activities, better to serve the graduates and the public. We bespeak the active assistance and co-operation of those who are now leaving the O. S. A. You can each contribute something to the upbuilding of better houses and better communities and you can work more effectively if you work through an organization such as the one for which I speak. You will all be welcomed as members.

A YEAR IN THE ARCTIC — *Continued from page 16*

thought running through my mind was, "how was I going to pull through?" and even now, after thirty years, I think of it as a terrible nightmare.

The following morning at daybreak, about 10 o'clock, I started for my home cabin. I had no sooner started than I began to think of the McKenzie River Indians. I had been told by the two trappers in the fall that these Indians came over the mountains from Good Hope and lived and trapped in this part of the country all winter and that they lived exclusively on moose-meat and tea. If this was true, why could I not do the same? The thought buoyed me up and was a great relief to my feelings.

About the middle of February two Indians came to my cabin, they belonged to the Good Hope band I have already mentioned. They were a fine healthy type of Indian and I was very pleased to see them. I had a large map of the district and got them to point out where they were located and the route they had taken in getting to my place. It was about forty miles back in the mountains. I got a few marten skins from them for which I paid in bills. They knew nothing about the denomination of the bills, but took my word for their value.

A few weeks later I arrived home from my trap-line in the afternoon and found a whole band of Indians and their dog teams awaiting me. I got about fifteen marten skins from them for which I paid thirty dollars. One Indian had two skins for which



I gave him five dollars,—one dollar two much. I had no small hills and I told him "Come again, bring one skin." "Good" he answered, "good." I let it go at that and they all departed happy as lords.

Ten days after this, much to my surprise, this Indian came all the way from his place to my cabin to pay me the marten skin he owed. He stayed at my place all night and I gave him a feed of my beef stew which he pronounced "good." He had several slabs of dried meat on his toboggan (about twenty pounds), which he wanted to sell me, and of course I would not buy it as I had all the fresh meat I needed. He left early the following morning, and strange to say, he left the dried meat in the cache. At first I was going to throw it out, but thinking that it might be required later on, I piled it on a hack shelf.

With the advent of warmer weather in April my meat began to thaw so I took my rifle and started out to kill a moose. For several days I hunted in the most favourable locations where they had been plentiful all winter, but to no avail. They had all gone to the southern slope of the mountains a hundred miles away.

I dug an opening ten feet in under the shore ice and put my meat supply in there hut enough warm air got in to keep it spoiling. Things began to look serious. It was then that I turned to the Indian's dried meat and found it good and fresh. It satisfied my appetite thoroughly for the next fifteen days until the ice went out of the river.

I have the greatest regard and friendly feeling towards the Good Hope Indians for I honestly believe that the Indians before mentioned, knew exactly what would happen in the spring, and sent me this dried meat to carry me along until the ice went out.

I waited a couple of days after the break-up for I did not wish to follow the ice too closely for fear of being caught in a jam. On the morning of the 28th, I packed my helongs into the canoe and was just getting ready to start when I saw a boat with two men in it coming down the river. They were my old friends the trappers. They were surprised to see me and told me they thought I had gone down the river with the stampedeers. It appears trapping was not very good in the location which they had chosen and in consequence they had moved further into the interior about fifty miles. After getting a good meal of white man's food under my belt, I bade good-bye to the little cabin at the south fork of the Stewart River and started for Dawson. On the third day as

we neared the mouth of the Stewart, I noticed a man on the bank of the river who hailed me to come ashore, which I did. He caught the bow of my canoe and after pulling it well up on the shore asked, "Is your name Fisher?" I told him it was and he said come in here."

It must be understood I was a pretty dilapidated looking individual,—I had a year's growth of wild and woolly whiskers and a suit that was cut, patched and quilted in a manner that would be envied by the comedian in any comic opera. He brought me to his cabin where he had a companion. They were two North-West Mounties and from them I learned the following:

When my two partners came down in the fall they had reported that I must have been caught in the ice up at Fraser Falls, and when they got to Dawson they reported the same conditions to the authorities there. Orders were therefore sent to these two Mounties at the mouth of the Stewart to go after me.

About the first of December they made a trip up over the ice to the Falls and back, a distance of four hundred and twenty miles with dog team, and finding no sign of life in that locality they returned and reported to Dawson that I must be dead, that under the conditions they did not think it possible that a man could exist. This news was forwarded to my relatives in Montreal who applied to two Life Insurance Companies for payment on policies which I carried. The Companies, however, refused to pay until further proof of my death was obtained.

The policemen fixed me up as presentably as possible, and one
(Concluded on page 54)

* * * *

DORM LIFE AT THE O. S. A.—Concluded from page 24

Just what would this school seem to us if we did not hear our noble Dean's stentorian voice resounding through the halls on evenings devoted to study. Or what would it be if we did not have our worthy Matron to cause the sudden and complete evacuation of the girls' sitting room on Sunday evenings sharp at ten. Or not hearing the frequent opinions of Mr. Jackson as to the playfulness of the first floor men.

In short, the absence of dormitory life would cause this Institution to lose much of its glamour and romance, which we students enjoy to the full, at the present time.

J. M. M.



O. S. A. Students 1931-32

First Year Domestic Science

Beddoes, Beryl D., Rimbe
Bushell, Lena, Box 28, Milo
Cawdron, Marjorie, Nobleford
Dawson, Margaret F., Mountain View
*Earle, Dorace E., Bradner, B. C.
Fraser, Elizabeth, Chancellor
Jack, Pearl, Pincher Creek
Jaffray, Edith M., R. R. 1, Rimbe
Malcolm, Muriel, Tofield
McFall, Ruth, Etzikou
McNichol, Minnie, Scandia
*Meldrum, Lyda, Clive
Rowell, Jennie A. C., Olds
Smith, Olive, Kne Hill Valley
*Surratt, Fern, Bentley
Wolferstan, Nancy, Alix

First Year Agriculture

Bard, Georges, Dawson Creek, B. C.
Birdsall, J. Everett, Didsbury
Briegel, Jack N., Olds
Boman, Clarence, R. R. 1, Ponoka
Brunton, Wilfred J., 9422-111 Ave.,
Edmonton
Bunnstad, John R., Big Valley
Burt, William D., Scapa
Caldwell, W. Wallace, Altario
Chapman, Frank M., Hardieville
Clark, Leslie, Vulcan
Crawford, Peter G., co. Sam Henderson,
Lacombe
Dixon, Arthur B., Olds
Dunkley, Chris., Olds
Earl, Thomas H., Olds
Earle, John G., Bradner, B. C.
Erickson, Erick I., R. R. 3, Eckville
Garriott, Mitchell M., Strathmore
Guddard, Forest, Olds
Graham, John S., Olds

Hegen, Karl O., Eagle Hill
Hamilton, Arlie, Loyalist
Hargraves, George, Kne Hill Valley
Hillman, Neil, Grande Prairie
Holmes, George N., R. R. 1, Coronado
Hunt, Harold W., Endiang
Kaiser, Robert, Red Deer
Land, H. William, Rimbe
Lewis, Leo G., Erskine
Lott, Gordon L., Enderby, B. C.
Noad, Thomas, Olds
Oliver, Lawrence F., Didsbury
Pharis, George W., Magrath
Schmidt, Armin, Red Deer
Schmidt, Henry, Tees
Schoellkopf, Walter F., Olds
Thom, Kenneth, Box 446, Lethbridge
Vold, Norman L., R. 1, Ponoka
Walton, Ernest, Bowden
Wonnecott, Jack, R. R. 2, Strathcona
Yackulic, Steve, Hardieville
Zoretti, Bernard P., Natal, B. C.

Two-in-One Dom. Science

Grant, Jean, Olds
Holbrook, Ruthe, R. R. 2, Strathcona
Noble, Aileen, Nobleford
Tweedie, Margaret, Olds

Two-in-One Agriculture

Billwiller, J. Alex, Richdale
Campbell, Douglas M., Box 22, Leduc
Evans, Wm. Hyndman, Hanna
Flood, Clifford, Leduc
Melendy, Hiram, Carseland
Rosenberger, O. Keith, Balzac
West, Arnie, Radway

Second Year Dom. Science

Conner, D. Jean, Warner
Cook, Ella, Olds
Evans, Ellen, Cochrane
Hannafor, Dora M., Howie
*Lord, Aerna, Rosetown, Sask
Semple, Mary M., Alix
Sulman, Pauline E., Coleman
Thompson, Winnifred, Granum
Thomson, Effie, Olds

Second Year Agriculture

Azar, Gordon E., Nashville, Ont.
Albright, Erman F., Donald
Bishop, Richard A., Carseland
Bukovski, Kenneth S., 1810-5th St. W.,
Calgary
Corrigan, Thomas B., Hillsdown
Crandall, Wilbur N., Chesterwold
Eliason, Elmo F., Wientham
Ewart, Robert C., Wetaskiwin
Farnalls, John W., Halkirk
Fraser, Leon D., Iron Springs
Hannafor, Robert H., Howie
Hays, Bernard W., Olds
Henker, Marvin F., Granum
Holmberg, John A., Hay Lakes
Kerry, Edward C., Wetaskiwin
Koehler, Julius J., Claresholm
Laycock, Mary R., Hubalta P. O.
Litz, Donald E., Swatwell
Lorchart, Archie E., Bowden
McCready, Belinda, Fenn
McElroy, Winston L., Gen. Del. Calgary
McLean, Wm. Donald, Mcleod
Miller, Fred E., Olds

Morley, Edward G., Verdant Valley
Morphy, Gordon A., Olds
*Myatt, Vernon T., B. 472, Edmonton
Peck, E. Carlyle, Box 78, Lethbridge
Reed, John B., Olds
Riesterer, Hynes A., Lacombe
Ripley, Harold E., Spruce Grove
Sorensen, Stanley E., Holden
Stewart, James M., Home Glen
Taylor, Herbert M., Scapa
Walker, Patrick H., Olds
Welsh, Clayton I., Olds
Wolferstan, W. Margaret, Alix
Yauch, Ralph, Olds

Third Year Class

Ditzler, Leland P., Clive
Groom, Alfred C., Nightingale
Grumbach, Elsie M., R. R. 1, Bentley
*Hays, Frances E., Olds
MacGregor, John Malcolm, Thorhild
McFadden, A. Donald, Lacombe
O'Brien, Margaret, Grande Prairie
Ogston, Gordon A., 12025-88th St.,
Edmonton
Peake, Ronald W., 1611-3rd Ave. N.,
Lethbridge
Pitman, Ernest, Box 182, Chauvin
Rowswell, Emily, North Edmonton
Scraba, Harry, Lamont
*Secord, Doris, co. Driard Hotel,
Vancouver, B. C.
Shaw, James, Lacombe
Surratt, Donald, Bentley
Watt, Alex, Beaverlodge
Webber, Albert, Endiang
Webber, Charles, Endiang
Wrigglesworth, Sidney J., Manyberries

* These Students left before the
end of the Term.



Prizes and Scholarships Awarded 1931

Liberal scholarships and prizes were again offered at the O. S. A. by friends of the school. This help is greatly appreciated by staff and students.

The prize winners for the year 1930-31 were as follows:-

United Grain Growers Scholarship of \$50.00 to first year Domestic Science student standing highest in general proficiency. Verna Lord, Rosetown, Sask.
O. S. A. Scholarship of \$50.00 to the first year student in Agriculture standing highest in general proficiency. P. H. Walker, Brooks.

Alberta Women's Institute of District No. 3 Scholarship of \$50.00 to first year Domestic Science student making most progress in practical work. Pauline Sulman, Coleman.

Alberta Women's Institute of District No. 3 Scholarship of \$50.00 to first year Agriculture student making most progress in practical work. Kenneth Brokovski, Calgary.
P. Burns prizes in Agriculture for practical work in Live Stock Judging, Carpentry, Blacksmithing, Weeds and Field Husbandry. *First year:* 1st. Vernon Myatt, Edmonton; 2nd. Gordon Agar, Nashville, Ont.; 3rd. W. Crandall, Chesterwold. *Second year:* K. Rowell, Olds; 2nd R. Milligan, Craigmyle; 3rd. Leland Ditzler, Clive.

P. Burns prizes in Domestic Science for practical work in Cooking, Sewing, Home Nursing, Laundering and Dairying. *First year:* 1st. Karin Erickson, Prince Albert; 2nd. Verna Lord, Rosetown, Sask., and Irene Thomas, Scollard (tied). *Second year:* 1st. Elsie Grumbach, Bentley; 2nd. Ruth Morgensen, Red Willow; 3rd. Doris Secord, Vancouver, B. C.

P. Burns Scholarships of \$50.00 to first year Domestic Science student in Claresholm School of Agriculture, who, by vote of staff, was considered to have made the best use of her educational opportunities and to have made at the same time useful contributions to the Social, Literary and Athletic activities of the student body. Winifred Thompson, Claresholm.

T. Eaton Company prize in Home Nursing. First year: Irene Thomas, Scollard.

T. Eaton Company prize in Foods and cooking. First year: Laura Wagstaff, Huxley.

T. Eaton Company prize for progress in Sewing. First year: Pauline Sulman, Coleman.

T. Eaton Company prize for Bread making. Second year: Doris Secord, Vancouver, B. C., and Helen Kirkpatrick, Bawlf, (tied).

T. Eaton Company prize in Dairying. Second year: Agnes Linden, Wetaskiwin.

E. I. Churchill, Edmonton. Prize of \$5.00 to the first year Agriculture student who obtained the highest standing in oral essay: John Holmberg, Hay Lakes.

Peter Keyser prize of silver cup for second year student standing highest in Judging Dairy Cattle and Bacon Hogs: James Shaw, Lacombe.

Leland Phillips, Camsland, prize of Poland China gilt for second year student standing highest in Practical Live Stock Judging: Edwin N. Davidson, Coaldale.

Miss Fanny Burns, Red Deer, a silver medal to the first year Domestic Science student making the most progress in Public Speaking: Louise Beddoes, Rimbey.

M. R. Maybank Scholarship of \$25.00 to second year Domestic Science student who stood highest in the year's work: Elsie Grumbach, Bentley.

L. W. Askin, Olds, a gold watch to the third year student with highest standing for the year: Gunnar Wahlstrom, Czar.

Miss Ann P. Scott prize of \$10.00 to second year Domestic Science student making the best Laying: 1st. Elsie Grumbach, Bentley; 2nd. Helen Kirkpatrick, Bawlf; 3rd. Doris Secord, Vancouver, B. C.

J. & J. Currie, Olds, \$12.50 Scholarship to second year student standing highest in the year's work: J. Malcolm MacGregor, Thorhild.

M. W. Malyon prize, \$5.00, for first year student who obtained the highest standing in Practical poultry: Ethel Boyle, Strathcona.

Department of Agriculture prizes for the Best Kept Rooms: Girls:— 1st. \$15.00, Elsie Grumbach, Bentley; 2nd. \$10.00, divided between Verna Lord, Rosetown, Sask. and Velma Leeson, Cassils.

(Concluded on Page 54)

List of Prizes Offered for the School Year 1932

A scholarship of \$50.00, donated by the Alberta Women's Institute of District No. 3, will be awarded to the boy in the First Year making the most progress in practical work in Agriculture. This Scholarship is to be given to the winner on entering Second Year next autumn.

A scholarship of \$50.00, donated by the Alberta Women's Institute of District No. 3, will be awarded to the girl in the First Year making the most progress in practical work in Domestic Science. This scholarship is to be given to the winner on entering Second Year next autumn.

A scholarship of \$50.00, is offered for general proficiency in the First Year of the Domestic Science course. This is to be given to the winner on entering the Second Year. Should the winner fail to return for her Second Year, the scholarship will be given to the entering student who stood highest in the previous year's work. This Scholarship is offered by Mr. M. R. Mayhaak and the Old's Creamery.

A scholarship of \$50.00, is offered for general proficiency in the First Year of the Agricultural course. This is to be given to the winner on entering Second Year. In the event of the winner failing to return for his Second Year the Scholarship will be given to the entering student who stood highest in the previous year's work.

A prize of \$5.00 is offered for the best graduating dress; and a prize of \$5.00 for the best set of lingerie.

Mr. Leland Phillips of Camsland offers a purebred Poland China gilt to the Second Year student with the highest standing in practical Live Stock Judging.

Messrs. J. & J. Currie offer a scholarship of \$12.50 to the Second Year student in Agriculture standing highest in the year's work. This scholarship is given on entering Third Year.

Mr. M. W. Malvon of the Malmur Poultry farm, Olds, offers a prize of \$5.00 to the First Year student who obtains the highest standing in practical poultry work.

Mr. Peter Keyser, Clyde, offers a silver cup to the Second Year student doing the best work throughout the year in the judging of dairy cattle and hogs.

Mr. L. W. Askin, Olds, donates a gold watch to the Third Year student with the highest standing in the work of the year.

Donated by Mr. J. Jackson, Red Deer, and the Singer Sewing Machine Company, Winnipeg — First and Second for Graduation Dresses.

Donated by the T. Eaton Company, Limited, prizes to the total value of \$50,

Home Nursing	(1st Yr.)	One Prize.
Foods and Cooking	(1st Yr.)	Two Prizes.
Progress in Sewing	(1st Yr.)	Two Prizes.
Meal Serving	(2nd Yr. & 2-in-1)	Two Prizes.
Dairying	(2nd Yr. & 2-in-1 girls)	One Prize.

The Rev. T. E. Armstrong, minister of the United Church, Olds, offers \$5.00 for the best synopsis of any sermon that has been given in his church between November 1st 1931 and March 7th 1932.



The Athletic Committee

EVERY one knows that all work and no play makes us dull boys. They will therefore agree that the athletic activities of the School play an important part in keeping the students healthy, vigorous, and ready to work, so that they can pursue their studies throughout the year with unabated zeal.

It has been the policy of our Athletic Committee to organize inter-class teams of various sports, as well as upholding the School's regular teams. In this way any student wishing to enter into sports has ample opportunity to do so.

Last fall, owing to financial stringencies, we were somewhat slow in getting the competitions under way, but have moved right along since they were organized. With the early inclement weather last fall football and baseball did not make the usual showing. The gymnasium has however echoed to the shouts of happy rivalry in such games as basketball, in which we are justly proud of our showing, indoor baseball, many forms of gymnastics, boxing and wrestling. When the cold weather set in the school rink was flooded and many hours of good healthy outdoor exercise have been enjoyed in skating, hockey games and practices, and last but not least the care of the ice during the winter season.

It is with pleasure that we speak here of the co-operation and support of the School Staff in our athletic work, and we greatly appreciate the way in which they have taken part in all our games during the time that we have spent at the O. S. A.

VERNON MYATT.

* * * *

Indoor Baseball

SINCE 1927-28 little interest has been taken in indoor baseball at the school, until this winter. One evening a week was devoted exclusively to baseball, with the result that a keen spirit of rivalry was developed among the classes. Many excellent games have been played and those devotees of soft ball found an opportunity to keep in training for their favourite summer pastime.

At the time of writing the inter-class series had not been completed, consequently we are unable to give the class winners.



Football

FOOTBALL has never been more than a minor sport at the O. S. A. The terms open late in the autumn and close early in the spring, so that little opportunity is given for playing this game. The boys have enjoyed a few spirited inter-class games, and were able to entertain the Bowden footballers once. The result of this game was a tie. It is to be regretted that those interested have not more opportunity to enjoy this pastime.

* * * *

The Boys' Basketball Team

AS USUAL Basketball has been the leading game at the school during the season just closing.

Inter-class games have been hotly contested, with the Third Year taking the greater honours. These games, as well as furnishing plenty of excitement, also served to bring out new material for the school teams.

In common with other years, not many of last season's players returned. We had only three members of the '30-'31 "Toilers" with us—Ditzler, McFadden, and Shaw. With these as a nucleus a team was got together which gave promise of something worth while, and eventually proved to be one of the outstanding O. S. A. teams.

They eliminated all local teams without losing a game, the two most interesting ones being with our old friends from Har-mattan. We found these men stronger than ever, but the O. S. A. took their measure both games.

The Calgary teams against which we played this season were stronger than any we had met other seasons. In consequence, although our boys played some splendid basketball, we did not win as many games.

Of the twelve games played we have lost only four. We have scored 274 points, and have had 253 points scored against us. The lowest score in any game was 16 points, and the highest 34 points,—scored against the Tecos, a team somewhat older and with several years experience.

From what seemed very poor prospects on the opening day, we developed a fast, smooth working, sharpshooting, forward line, that could penetrate any defence we met, and a defence that was hard to get through. Their style of playing is perhaps best sum-

med up in a remark on the sideline at a recent game in Calgary—"A clean, fast playing bunch—you may whip them, but you can not make them quit." F. F. P.

* * * *

The Girls' Basketball Team

HOPES were entertained at the beginning of the fall term that we would have an outstanding basketball team. An array of talent was discovered which bade fair to develop into a really highclass team. Our hopes were justified and the O. S. A. was represented by probably the best team in its history. True, all games were not won, but the class of basketball played was excellent. For the first time our girls were able to defeat a Calgary team. Birkdales were defeated in Calgary and to prove it was not just luck our team doubled its score in a return game at Olds.

It is really unfortunate for the girls that the college year is so short. It scarcely affords time for proper training. The following is a brief account of the players.

Emily Rowsell—plays centre, has length, reach and speed. Is a bit temperamental. Really plays better when her opponent does not punch her nose. Has practiced with the Grads.

Jean Grant—played guard for Camrose Normal last year. This is naturally her position but she played a splendid game on the first string forward line. Is an accurate shot.

Ruth Holbrook—learning the game this winter. Has a very even temper which is an asset to a basketball player. Plays forward for the first team.

Peggy Wolfertau—plays guard and is poison to opposing forwards. Famous for her long shots.

Jenny Rowell—a very promising player, but needs seasoning. Plays guard and does it well.

Alleen Noble—substitute forward. Plays a steady useful game.

Ruth McFall—just learning the game. Next year she should get a place as guard on the first team.

Muriel Malcolm—plays forward and should develop into a useful player.

We should also mention the many girls who have so generously given their time in practice to help in training our team.

M. W. M.



NOTES ON THE ORIGIN OF CULTIVATED PLANTS

(Concluded from page 27)

To be sure, doubling of the chromosome number can occur without previous hybridization and some *varieties* of plants have originated in this way. But they can easily be distinguished by their breeding behaviour and we have little evidence of new *species* having originated by this method.

All the foregoing are well-established generalizations, but there is recent evidence—not yet quite conclusive—for a modification of the hybridization and doubling method which has still greater possibilities. You will have noted that all the chromosome numbers mentioned are even multiples of a basic number—in all the instances mentioned, of seven. When as a result of hybridization or accidental chromosome loss or gain, an unbalanced number originates, we almost always find that the new plant is extremely different from its parents. Usually it is sterile and even if not, it never breeds true but tends always to give progeny with a balanced chromosome number. There is evidence that occasionally such forms may achieve a derived or secondary state of balance. It now appears probable that it is by this method that the family of pome fruit—the apple, pear, etc.—all having seventeen pairs of chromosomes, have originated from earlier species of plants having seven pairs, (four of the original pairs having been duplicated and three of them triplicated.) Likewise, it is suggested that corn and sorghum, with ten pairs, and rice, with twelve pairs, have originated from grasses with seven pairs. The general evidence for this is that the most primitive types of grasses nearly all have seven pairs and that, both from their breeding behaviour and the behaviour of their chromosomes as seen under the microscope, it appears that there are only seven distinctly different pairs in corn, sorghum, and rice, and that the remaining chromosomes are to some extent duplicates of the original seven.

Last but not least, we must consider plants that really may have wild prototypes. The best example seems to be that attractive greenhouse plant, the Chinese Primrose. This species was introduced into England in 1819 and again in 1826. These original plants varied in two characteristics only and all the varieties now known have arisen in cultivation. No fresh plants are believed to have been introduced to Europe and hybridization with other species does not occur. The new varieties, of which there are hundreds, have all arisen by mutation. By mutation

there is implied here any sudden change, either qualitative or quantitative, in the germ plasm. Until recently, all such changes were of accidental origin, but x-rays are now being used with some success to produce them.

Vavilov has shown that at the geographic centres of origin of various cultivated plants there is a great concentration of mutant or variant forms. To get a lot of new varieties does not require many mutations, since combination and recombination of different mutations can nearly always be made with more or less ease. Twenty six distinct mutations have occurred in the Chinese Primrose in its 110 years of cultivation. Add to these the original two and then consult a mathematician and you will find that from twenty-eight pairs of hereditary characters it is *theoretically possible to get over 250,000,000* new true-breeding types. The diverse types so far produced in the Chinese Primrose are, it is true, rather *varieties* than *species* (though one has been given a different specific name.) but they are so diverse in character that, did we not know their origin, many of them would undoubtedly be classed as distinct species.

Most of our different types of vegetables of the cabbage family—cabbages, turnips, brussels sprouts, curly kale, rape, kohlrabi, cauliflowers, etc., etc.—have most probably arisen by mutation, like the varieties of the Chinese Primrose. Barley and rye may likewise have done so, though there is evidence that hybridization has also been a factor in the ancestry of the former. That brings up a final point. Nature does not confine itself to any one method or any one organism. Classification is very largely a human device, planned to help us to remember. In Nature many diverse modes of adaptation, of variation, may go on at one time. We have, in the present century, learned a very great deal about the origin of cultivated plants and also about the wider problem of general organic evolution of which it is a part. Perhaps our greatest advance (it is of course a necessary corollary of greater knowledge) has been in our fuller realization of the complexity of the methods involved.

* * * *

GYMNASTICS, BOXING, AND WRESTLING

(Concluded from page 53)

the various ways of dealing with their contestants whether at boxing or wrestling.



The excellent hockey weather we have experienced during the winter has been responsible to some extent for the lack of as large attendances as were in vogue a year ago. However there are certain regulars whose enthusiasm is unabating, and who find great pleasure in such a pastime.

Last year keen interest was taken in the boxing and wrestling tournament which were staged in March. There were a fair number of entries in the various weights and some good sport was witnessed. It is hoped that a similar contest will be staged again this term.

The facilities for such sports are well supplied and it is expected that an even greater number of O. S. A. students will take advantage of the opportunities in succeeding years. P. H. W.

* * * *

Physical Training

THIS year physical training was given recognition in the timetable. Each class spends two full periods each week in the gymnasium under direction of the physical instructor.

An attempt has been made to vary the work so that the classes would not find it monotonous and the results have been entirely satisfactory. In addition to standard building exercises the boys have taken part in an indoor athletic meet, and the girls have added club swinging and indoor baseball to their programme.

The results of this year's work seem to have justified the hopes of those who were so anxious to have physical training put on the curriculum.

* * * *

Patronize Our Business Friends

IN HARD times, such as these, it is a token worthy of our consideration, to have such business friends as those whose names appear in the following pages. They have helped us and the institution at which we enrolled in patronizing the pages of our annual with their advertisements. We should reciprocate by patronizing their stores with our custom. Let us resolve on every possible occasion to avail ourselves of their stocks for our requirements.

J. B. R., *Editor*.

The Corona Hotel

Edmonton's Leading Family Hotel

DINING ROOM IN CONNECTION

Rates that are
reasonable

Two Blks East
C. P. R. Depot

OUR JUBILEE YEAR

1882 - 1932

This year we are celebrating our 50th year in business of serving the Retail Merchants of Western Canada.

From a small beginning, we have grown to one of the largest distributors of Groceries in Canada. Branches in all principal cities of the three western provinces.

USE ROYAL SHIELD SPECIALITIES
CAMPBELL, WILSON & HORNE
LIMITED



An Organization Planned for Your Convenience

The **EATON** service has steadily broadened and increased since its establishment, until now the population of Western Canada is served by two huge Mail Order buildings in Winnipeg and those at Regina and Edmonton.

The needs of the people of Western Canada can best be served from the immense stocks of merchandise always on hand—merchandise that for quality and value you will find it difficult to equal elsewhere.

You will find shopping at EATON'S, through the medium of our General and Sale Catalogues, convenient, economical and satisfactory.

These Catalogues are mailed Free on request. Send for them today.

T. EATON CO. LIMITED
WINNIPEG CANADA

Tobacco

Candies

Bill's Barber Shop

OLDS

We need your head in our business

Cigarettes

Cigars

Louis Benedek

First Class Shoemaker

Your Business Appreciated

OLDS, ALBERTA

The Place to

SLEEP
EAT
and
DRINK

is at the

Victoria Hotel

**Reasonable
Rates**

*Phone
1*

OLDS
Alberta



Henry Birk & Sons Limited

JEWELERS AND SILVERSMITHS

314 8th Ave. West. CALGARY

Special pins, buttons, medals, trophies, etc.

Send for a Catalogue

JENKINS' GROCETERIA LIMITED

For Good Value in Groceries

STORES AT—

Drumheller, Banff, Hanna, Vulcan, Olds, Lacombe,
Didshury, Stettler, High River, Nanton, Macleod, Ponoka,
and Innisfail.

If we have no store in your district, write to our

MAIL ORDER DEPARTMENT

for Mail Order Catalogue

706 Ninth Avenue West. CALGARY, Alberta

LOWAN BROS.

Serving you with the finest in—

Watches, silverware, diamonds, clocks, and jewelry.

Leave your repair work with us, you are assured of prompt
and efficient service at reasonable prices. Every job guaranteed.
You will find writing a pleasure with a Parker pen or pencil.
Your name engraved free on every Five Dollar or up unit.

OLDS, ALBERTA

Phone 44

OLDS, ALBERTA

Residence 84

R. A. CRAIG

Lumber Merchant

Lath, Shingles, Windows, Doors, Mouldings, Etc.

We supply the Lumber that you use in the Shop. When you
leave College and start your home, let us help you with your
building job.



J. & J. CURRIE

Wholesale and Retail

Butchers

Dealers in

LIVE STOCK, HIDES,

and POULTRY

Phone 70

OLDS

ALBERTA

HOME CAFE

Meals like Mother makes

Eat here once and you'll eat here always

J. F. GWARTNEY, Proprietor

Box 2001

Phone 23

J. H. Kemp

I. H. C.

DEALERS IN—Automobiles, Canadian and American Farm Implements, Engines, Tractors, Twine, Repairs, etc.

WHOLESALE DISTRIBUTORS IN—Oil, High Grade Kerosene and Gasoline.

OLDS

ALBERTA



LAURIE H. SMITH

A Commissioner

Official Auditor

Insurance of all kinds

Office over Postoffice

Phone 59

OLDS

ALBERTA

Established 1902

REAL ESTATE

Notary Public

F. Shackleton

Railway lands. Hudson's Bay Company lands:

Fire, Life, Casualty, Hail, and Auto Insurance

Money to lend: Investments

OLDS

ALBERTA

C. T. STEVENS

The HARNESS SHOP

Olds, Alberta

Repairs a specialty

Phone 2

Wall Street

WOO SANG LAUNDRY

Ladies' and Gents' suits dry cleaned and pressed

OLDS

ALBERTA

FOR REAL SERVICE AND PROMPT ATTENTION

TRY

SUPER SERVICE STATION

Agents for

TEXACO PRODUCTS and DOMINION TIRES

H. MILNE

OLDS

Phone 67

The Ladies' Store

Mrs. Readwin

Dresses, Millinery, Notions and Fancy Dry Goods

OLDS

ALBERTA

H. P. Kenney

Dentist

Office Phone 79

Residence Phone 75

Kemp Block

Olds, Alberta

McLEAN & HAMILTON

Draying, General Teaming

Commercial Men's Trunks a Specialty

Phone 76

OLDS, ALBERTA



Your patronage appreciated at the

House of 4 B's

We aim to give you best of service

Quality material

Quality work

Guaranteed

DOCTOR BILL

Olds Boot Hospital

Opposite Massey-Harris Implement Office

Mountain View Co-operative Livestock Marketing Association Limited

Olds, Bowden, Penhold, Innisfail, Didsbury
Handle all kinds of livestock on co-operative basis

DR. F. E. SHIMER, *Manager*

Wishing you one and all continued success

Dr. S. C. Mann, *Dentist*

Phone 50

Davey Block

OLDS, ALBERTA

Put a Thrill in the Drill

By Knowing You're Sowing

THE WORLD'S BEST SEED

You can't get any better than the best. Our Genuine Grimm Alfalfa Seed, grown right here in Alberta, hit the peak last year by winning the World's Championship Title at Chicago and Toronto.

So heavy has been the demand for our Seed that we have been obliged to double our plant and equipment to include the following line:

Field Inspected—

White Sweet Clover
Alsike Clover
Brome Grass

Western Rye

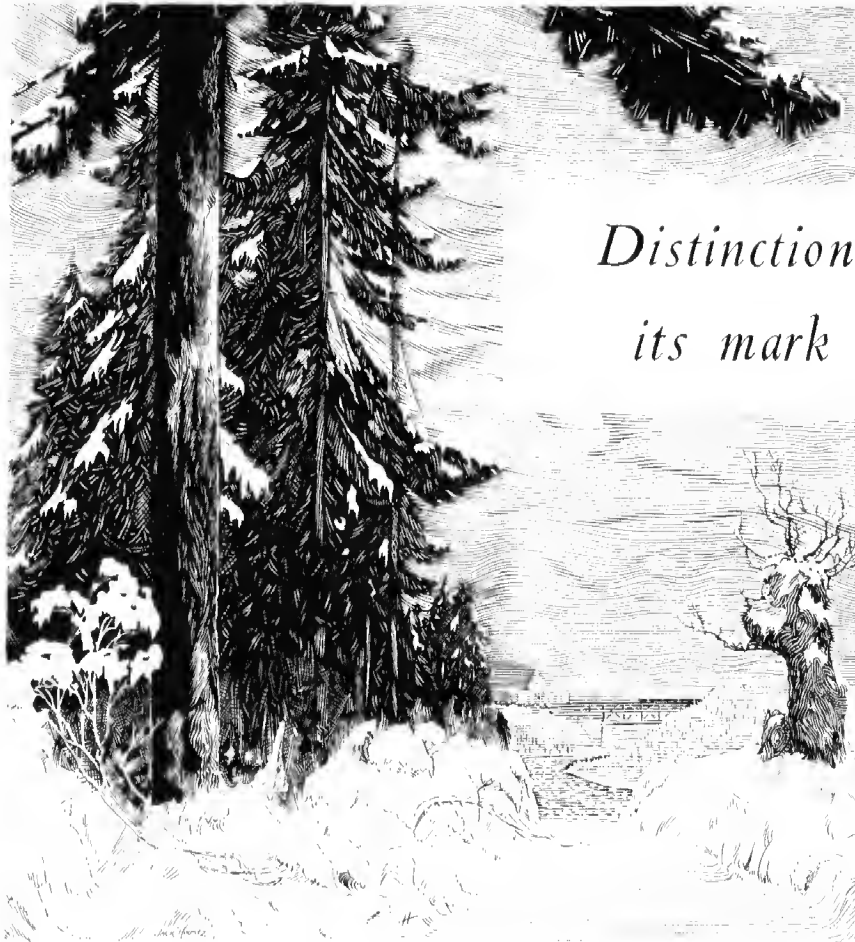
Corn
Peas
Beans

Alberta Seed for Alberta Growers

By purchasing Seed direct from the Growers you are not only helping us, as well as yourselves, by keeping your money at home, but you know the Seed you are getting is hardy enough to withstand Alberta conditions. Our cleaning facilities for all kinds of Seed are modern and unexcelled. Satisfaction assured. Small or large orders equally welcome. Write for quotations to-day.

Grimm Alfalfa Seed Growers' Association Limited

Brooks - - - Alberta



*Distinction always carries
its mark of recognition.*



Engravings in this Book
By McDERMID STUDIOS LTD.
Edmonton, Alberta



The College Press

The Home of Better Printing

College Heights, Lacombe, Alberta



We can Supply and Produce all your Printing Needs



PUBLIC LUNCH

Meals served from 6:30 a. m. to midnight

We serve the best meals in town

Confectionery Ice Cream -- Softs Drinks

WONG POND. Proprietor

Phone 150

EGGS

CHICKS

PULLETS

Mountain View Poultry Farm

Under management of Ex-students L. E. Musgrove (23) and
G. Whiting (26)

Specializing in S. C. White Leghorns

Olds. Alta.

Try the **CANDY KITCHEN**

For Your Candy, tobacco, and school supplies

A. READWIN

OLDS

H. J. Snell, Sight Specialist

Office at Maybank's Drug Store

Offices at Edmonton and Red Deer

We grind our own lenses to suit your particular requirements

OLDS MERCANTILE CO.

Complete Line

GENT'S FURNISHINGS: DRY GOODS
BOOTS AND SHOES: RUBBERS
GROCERIES

Phone 48

Olds, Alberta

Mrs. J. J. Wilson

Third Street, West

Olds, Alberta

Ladies' Ready-to-wear Store

Millinery

Dresses, Hosiery, and Scarves
Slips and Bloomers

\$2.00
In Canada

\$2.50
To U. S. A

The Olds **GAZETTE**
EVERY FRIDAY

The home news
while it is news

Prompt service for
Commercial printing

DR. C. C. HARTMAN

Physician and Surgeon

Ex-house surgeon Toronto General Hospital

Office and Residence—Third Street, East

Phone 21

OLDS, ALBERTA



A Balanced Agriculture

To the plea for a "Balanced Agriculture" the Province of Alberta responds by pointing to a record of progress already made that compares well with other provinces of Canada in this respect.

It is a remarkable fact that in 1930 the total value of dairy, livestock, poultry, and wool production figures came close to balancing with the total value of all field crops. Here are the figures:

Dairy, Livestock, Poultry, Wool, Honey, Game and Fur Products	\$64,511,228
All field crops	67,193,400
Wheat alone	51,831,000

The Alberta Department of Agriculture, with its various services at the disposal of the farmers for advice and assistance, is directing its activities towards the attainment of a properly balanced agricultural industry.

Farmers are invited to make use of these services in all possible ways, to attend the meetings, short courses, and similar gatherings held from time to time under the auspices of the Department, to write for agricultural bulletins, and to keep in close touch with their nearest District Agriculturist or School of Agriculture.

Alberta Department of Agriculture

Edmonton, Alberta

Hon. Geo. Hoadley
Minister of Agriculture

H. A. Graig
Deputy Minister



The Canadian
**BANK OF
COMMERCE**


Established 1867

Paid up Capital - - - - - \$30,000,000

Rest Account - - - - - \$30,000,000

OLDS BRANCH

J. W. ROBERTSON, Manager



**MOTEL
York
CALGARY**
CENTRE ST. & SEVENTH AVE.

EVERYTHING
NEWEST

New Daily Rates \$ **2**
from

Monthly from
\$40.00

COFFEE SHOP

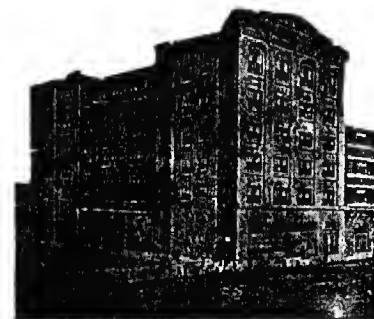
When in Calgary Stay at the

**ST. REGIS
HOTEL**

NEW LOW RATES

from

\$1.00—\$1.25—\$1.50



Calgary's Popular Family Hotel

ENDOSD BY THE PUBLISHER



Friendly Co-operation with Farmers

There is a spirit of service and co-operation about the Bank of Montreal which appeals strongly to our farmers.

You are cordially invited to call at this bank and discuss your financial problems with the manager.

BANK OF MONTREAL

Established 1817

"A bank where small accounts are welcome"

Jackson Bros.

Dealers in

Diamonds

Silverware

Watches

Our service in the repairing of Watches and Jewelry is of the the best and we guarantee complete Satisfaction

Emblems and Class Pins designed and made to order

9962 Jasper Ave

EDMONTON, ALBERTA



WANTED---

Young men and women who can write shorthand.

A YOUNG man, acting as stenographer to an executive will *know so much about the Business*, that in a short time he will be able to take charge of various departments and conduct them, according to the ideas of his chief. He will become indispensable and whether times are good or bad his position will be *Permanent*.

Business is undoubtedly the most satisfactory employment for *Clever Young Women*.

Day school in session all the year.

New classes for Beginners every Monday morning

Enrol Now!



The

CARBUTT Business College

Ltd.

"DEPENDABLE BUSINESS TRAINING"

509-23

8th Ave. W. CALGARY

R2170



PHONE 200

OLDS

PHONE 200

U. F. A. Co-operative Association Ltd.

Dealers in

Groceries, Provisions -- Flour and Feed
And Everything for the Working Man to Wear

{ Get your Groceries at the Co-op. }
{ --- The Farmers' Store --- }

Our Motto is to give you the Best Possible Service in Every Way

BOARD OF DIRECTORS

J. Kilpatrick
W. J. Fisher, *President*

J. A. Dodd

R. W. Smith
C. L. Holmes, *Secretary*

L. Hammer

E. Espersen
J. Ross, *Manager*



Photography---

in this Book was again made by

FRANK A. HALLIDAY

who is pleased to have helped with another
successful issue

Students wishing photos after leaving School
may obtain them by writing us direct. Just
mention the year portraits, group or commercial
picture was taken.

When in Calgary we would be pleased to have
you visit our Studio.

222A-8th Ave. W.

M.4897



INCREASE YOUR SAVINGS

Buy---

Alberta 4 per cent

Demand Savings Certificates

FIVE DOLLARS WILL OPEN AN ACCOUNT

For Further Particulars write or apply to

HON. R. G. REID, *Provincial Treasurer*

PARLIAMENT BUILDINGS, EDMONTON, ALBERTA

BEATTY BROS. LIMITED

Edmonton, Alberta

Barn Equipment

Hand and Power Pumps

Power Washers

Grain Grinders

AN ALL CANADIAN COMPANY

PREMIER LAUNDRY LIMITED

CALGARY

ALBERTA

CLEANERS

DYERS

Out-of-Town Orders Given Prompt Attention

Price Lists and Information Upon Request

We carry the **LARGEST STOCK** of Popular and Standard **SHEET MUSIC** and **STUDIES** in Western Canada
Mail Orders receive special attention.

Also

STEINWAY and **PEERLESS
MATTHEWS PIANOS**



VIOLINS, SAXOPHONES, GUITARS, UKULELES, BANJOS and all other Musical Instruments and Supplies

VICTOR Records and Radios

De Forest Crossley, Philco, Marconi and Westinghouse Radios, Tubes; and Electrical Appliances of all kinds
For Real Service write

Calgary's quality Piano and Electrical Store

THE MATTHEWS MUSIC HOUSE LTD.

328 - Eighth Ave. West



College Pharmacy

"A Drug Store Service You Will Like"

FILMS — Developing, Printing, and Enlarging

"Daily Service"

O. S. A. STUDENTS' REQUISITES CATERED TO
Loose Leaf Books, — Scribblers — Inks
Watermans' Pens — Sheaffers' Pens

5% Cash Discount Receipt with every Purchase

VICTOR RECORDS —

The latest records gladly demonstrated at all times.

Tobaccos — Confectionery — Cigarettes

PRESCRIPTIONS ACCURATELY DISPENSED

Phone 36 J. G. PEARSON OLDS, Alberta

SERVING AGRICULTURE

A serious responsibility rests upon all those who serve agriculture. Our well trained and experienced organization endeavours to serve by handling the producers' grains correctly and fairly as to grade, weight, and dockage and by ever striving to reflect back to the farmer the very utmost values the markets will afford his products.

Our Research Department under the direction of Major H. G. L. Strange, is also at the service of farmers without charge, to assist in obtaining, when required, information upon production and other agricultural problems. Write to us about any problem that is confronting you — perhaps we can assist.

SEARLE GRAIN COMPANY LTD.

330 Elevators
Manitoba
Saskatchewan
Alberta

Terminal
Fort William

Offices
Winnipeg
Edmonton
Calgary
Vancouver



GET OF SIRE OF MONTVIC RAG APPLE DeKOL, OWNED BY HAY'S & CO., CALGARY, ALBERTA

Here is a reproduction of a photograph of the Get of Sire of Montvic Rag Apple DeKol, as they appeared at the Toronto Royal. The group consists of a Senior yearling bull, next to him stands a two year old heifer, and two senior yearling heifers. The bull was first at Saskatoon, first and junior champion at Victoria, also at Puyallup, Washington, Inter-State Fair, first and junior champion at Oregon State Fair, reserve junior champion at the Toronto Royal Winter Fair. The heifer standing next to him was second prize milking two year old at the Pacific International, Portland, and second at the Toronto Royal. The group were first prize Get of Sire at Oregon State Fair. The heifer next to the camera was fourth prize at Toronto, the second from the camera was second prize yearling at Toronto Royal and first or second prize at many other shows. In the Get of Sire class at the Toronto Royal this group stood fifth in a class of 21 and were placed ahead of many more mature groups.

Montvic Rag Apple DeKol has many good sons and daughters, his full sister as a junior two year old, produced 568 lbs. of fat, or 710 lbs. of butter and 14,555 lbs. of milk with a test of 3.9. She was third prize milking three-year old at Toronto Royal Winter Fair. She was not in best show form on account of milking heavy, but took third place in a class of thirteen. The Holstein Freisian World said of her, "she had the best udder in the class and perhaps the best in the show."



MONA PONTIAC WALKER 134648

Finished yearly record November 26, 1931, 30,464 lbs. milk and 1160 lbs. butter. First cow in Alberta to produce more than 30,000 lbs of milk in one year. Highest milk producing cow in Canada, 1931, also highest four-year-old in 1930 with 29,202 lbs. milk and 1071 lbs. butter.

Five cows recently completed official records with total 126,654 lbs. milk, 5271.2 lbs. butter.

Due to reduced requirements of milk, cream, and butter for tourist traffic we are offering seventy cows guaranteed in calf at very much reduced prices.

Suffolk and Hampshire Sheep---

- At Tilley are somewhat overstocked and we are offering one hundred ewes. These flocks won 12 firsts, 9 Grand Championships, Championships and Reserve Championships at Canadian Royal, 1931. The time is opportune to establish a small flock of well-bred sheep. Prices are low.

Write E. W. Jones

*Superintendent of Agriculture and Animal Industry
Canadian Pacific Railway, Department of
Natural Resources*

CALGARY, Alberta.

Builders' Hardware Stores Limited

We Specialize in

Builders' Hardware

SAM. REIBER, Manager

**Headquarters for C. C. M. Skates and Hockey Shoes
Skates Ground, Honed and Buffed**

Due to the fact that we operate a large number of Stores in Alberta and Saskatchewan we are enabled to purchase our Builders' Hardware in large quantities at a very substantial price reduction. The benefit of this special price we pass on to our trade

Delaval Cream Separators

Monarch Malleable Ranges

Maytag Washing Machines



ROSEBUD FLOUR MILLS CO. LTD.

SAVES MONEY

MFGRS. OF FLOUR, CEREALS, FEED

also

FAMOUS ROSEBUD PANCAKE FLOUR

which is rapidly growing in popularity due to its highly nourishing and easily digestive qualities. Made from Alberta grain. It is easily prepared and can be purchased in bulk or small pkgs. Ask your grocer or write us and we will send you facts and recipes which will interest you.

It is a Health Product

Rosebud Cream Wheatlets and *Good Will* are wonderful breakfast cereals,—high in protein.

ROSEBUD FLOUR MILLS CO. LTD.

Electricity

is

“Jack of all Trades”

On the Farm

Jack of all trades and master of many. Electricity now has more than two hundred inexpensive uses on the farm. At the snap of a switch in the farm home, barn, dairy or workshop, this efficient servant saves time, energy and money—does some farm work quicker and better than ever before. Electricity enables the progressive farmer to elevate grain, to keep a fresh supply of ground feed on hand and to do many other jobs at a fraction of the cost in time and money of other methods. The same motor that does these tasks will hoist hay, saw wood, fill the silo and serve in many other profitable ways.

For information on rural rates interview any of our Local Managers or write to us direct.

Calgary Power Company Ltd.

Insurance Exchange
Calgary, Alberta

107-Commercial Bldg.,
Edmonton, Alberta



Ontario Laundry

LIMITED

DRY CLEANERS

Calgary

Work and Service

GUARANTEED

Mail orders receive *Prompt* attention

Hoogan Petersen

General Trucking Agent

Gasoline and Distillate for sale

Carbon double screened lump coal delivered

OLDS

Phone 160

ALBERTA

YOUR NEEDS SUPPLIED IN—

Beds and bedding; China and glassware; Furniture and
furnishings; Harness; Cutlery; Hardware

AT

T. McKERCHER'S
CORNER STORE

Olds, Alberta.

CANADA CEMENT CONCRETE FOR PERMANENCE

Canada Cement Company Limited

Canada Cement Building, Phillips Square Montreal

SALES OFFICES AT

Montreal

Toronto

Winnipeg

Calgary



KENNETH McDONALD & SONS LIMITED

SEED MERCHANTS

NURSEYMEN

& GARDEN SUPPLIES

Market Square, OTTAWA, CAN.



The **MARK** *of a*
DISTINGUISHED
FAMILY

THE G-E Monogram appears as an identifying trademark on a complete line of electrical products made in Canada by Canadian General Electric.

Generators to develop power . . . wire, transformers and switches to conduct and control it . . . motors, lamps, ranges, refrigerators, radio and other appliances to utilize this power in a hundred different ways . . . all these products constitute a family distinguished for efficiency and dependability.

Whenever you buy electrical products be sure they bear the G-E trademark. It guarantees the quality and ensures that your money is helping to keep Canadians employed and self-supporting.

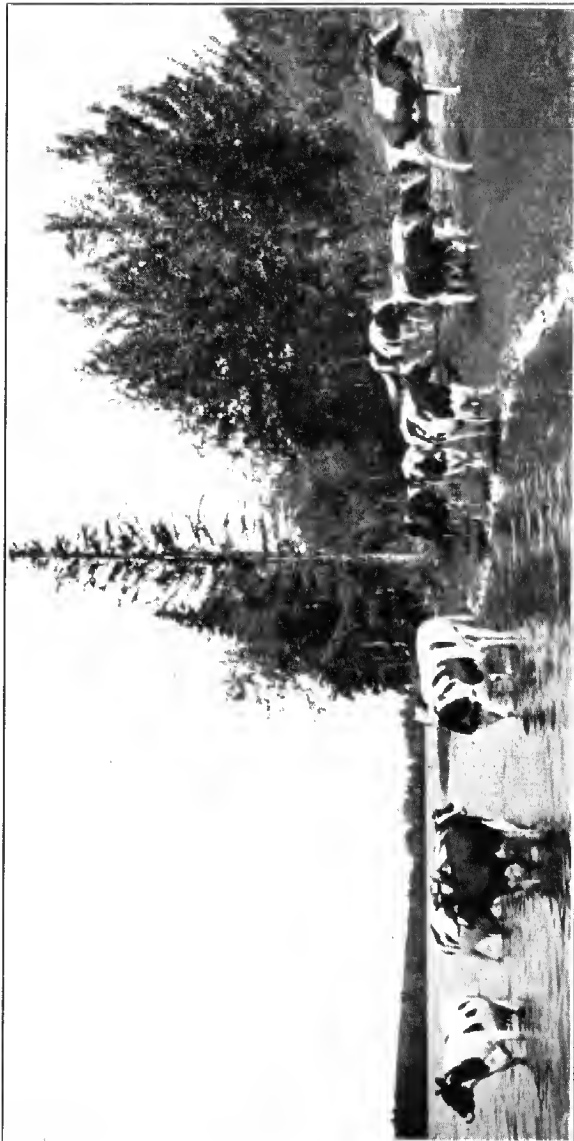
CANADIAN CGE-12-MX
GENERAL ELECTRIC Co.
Limited

HEAD OFFICE: TORONTO — SALES OFFICES IN ALL PRINCIPAL CITIES



C.J.C. Holsteins

SIZE --- TYPE --- PRODUCTION



SOME OF THE HOLSTEINS AT C. J. C.

A Good Place to Buy Your Next Herd Sire

Service Age Yearlings and Promising Baby Calves sired by our great Show Bull, Hays Sir Ormsby Aalje, 62572, and out of High Producing R. O. P. Cows or Heifers on Test. Write today for particulars, or, better still, come and see them.

Herd Fully Accredited and free from Infectious Abortion

Canadian Junior College

College Heights : : Alberta



The O. S. A. Year Book



Edmonton Spring Show April 4-9

and

Edmonton Summer Fair July 18-23

are Important Events you should not miss

Sharp's Itinerant Shows

Featuring all-talking programmes Sound De-luxe

At the Olds Arena every Friday and Saturday

Always the best procurable

W. H. B. SHARP, *Manager*

MUSHROOM SERVICE STATION

and Camp Grounds

Gasoline, Oils, Greases, and Accessories

Batteries charged and repaired

Agent for Minneapolis Moline Power Implements

Ice Cream and Soft Drinks in Season

SERVICE GARAGE IN CONNECTION

Phone 11

OLDS, ALBERTA





AGRICULTURE's ability to produce has been amply demonstrated. Science, education and the skill of the producer have combined to produce food for mankind in great abundance. In fact many authorities believe that there has been too great a concentration on production alone.

The next logical step is to develop marketing efficiency. Agriculture has neglected that end of its business and left the task to others. The present day challenge to agriculture is to develop marketing ability on an equal basis of efficiency with other branches of industry.

The Alberta Wheat Pool, a truly co-operative organization, stands ready to advance with the grain growers of Alberta in their future efforts towards economic emancipation.

ALBERTA WHEAT POOL

FOR BEST RESULTS

Patronize

CENTRAL CREAMERIES LIMITED

CALGARY, ALBERTA

Or its branches scattered over Southern Alberta

THE PIONEERS OF THE INDUSTRY

Central Garage, Olds Ford Sales Service to all Cars

WE HAVE EVERYTHING FOR YOUR CAR

Fully equipped repair shop, and experienced mechanics
We use Alemite grease and oils, and Alemite high pressure lubrication system, let us lubricate your car and see the difference

Road information and strip maps free

Member Alberta Motor Association

A. D. BUSSARD, *Proprietor*



For the Newest in

**DRY GOODS, MEN'S
AND
WOMEN'S WEAR**

S E E

H. S. McINTYRE

OLDS

ALBERTA

**HIGHEST QUALITY
MILK and CREAM**

We furnish the highest grade dairy products to the most particular customers from our herd of tested Holsteins

Young stock for sale
Joseph Kilpatrick
Olds. Alberta.

TREES

SHRUBS

PLANTS

For best results, plant acclimatized stock

Direct from Growers

Write or phone for a copy of our price list now

West End Nurseries, Calgary

"Yours for growing satisfaction"

2227-33rd St. West

W-2812

Armitage-McBain Lumber Co. Ltd.

We carry a full stock of Lumber and Building Materials

At Lowest Cash Prices

Special Attention given to Country Orders

Satisfaction Guaranteed or Money Refunded

Corner Jasper Ave. and 93rd St.

Phone 25236

EDMONTON

THE BEER HARDWARE CO.

GENERAL HARDWARE

Canadian General Electric Appliance dealers. Power washing machines. Radios. Myers Pumps. Brandram-Henderson's paints. Sporting goods.

OLDS

ALBERTA



ARMSTRONG'S BAKERY

" Good Things to Eat "

Bread, Buns, Pies, Cakes, etc.

Ice Cream Sundaes, Sodas, etc.

Cool Drinks

*A good assortment of Nielson's Chocolates always
on hand; Also all kinds of Baking made to order*

R. R. ARMSTRONG

Maybank's Drug Store

Your down town meeting place

A COMPLETE LINE OF---

Notebooks, Scribblers, Loose-leaf Books, Student Helps,
and Waterman Pens.

Developing

Printing

Enlarging

Prescriptions carefully compounded

Maybank's Drug Store

Phone 26

OLDS, ALBERTA

M. R. MAYBANK, Proprietor



Index—Articles

	PAGE		PAGE
Foreword — <i>Hon. George Hoadley</i>	2	The Sophomore Class — <i>J. J. Koehler</i>	28
Editorial — <i>J. B. Reed</i>	4	Farm Women's Week — <i>J. M.</i>	28
A Message From the Principal — <i>James Murray</i>	6	The Sophomore Biographies	29
The Experimental Union — <i>Harold Phillips</i>	9	The Freshmen Class — <i>P. G. Crawford</i>	37
Mr. Moe Retires — <i>E. W. Phillips</i>	10	The Literary Committee — <i>J. J. Koehler</i>	39
The Students' Council — <i>James Shaw</i>	10	Literary Activities	39-41
The O. S. A. Extension Library — <i>C. E. Yauch</i>	12	The Social Committee — <i>J. M. MacGregor</i>	42
Canadian Wheat Abroad — <i>E. G. Bayfield</i>	13	Social Activities	42-43
The School Fair	14	The O. S. A. Orchestra — <i>G. R. H.</i>	44
The School Fair Short Course	14	The Alumni Association — <i>Thos. Sigurdson</i>	45
A Year in the Arctic — <i>W. H. Fisher</i>	15	O. S. A. Students, 1931-32	47
The Third Year Class — <i>A. C. Groom</i>	18	Prizes and Scholarships Awarded, 1931	48
The Third Year Biographies	19	List of Prizes for 1932	48
Education in Old Country Universities — <i>R. D. Sinclair</i>	22	The Athletic Committee — <i>Vernon Myatt</i>	49
Dormitory Life at the O. S. A. — <i>J. Malcolm MacGregor</i>	24	Athletic Activities	49-53
The Two-in-One Class — <i>Douglas M. Campbell</i>	24	Patronize Our Business Friends — <i>J. B. R.</i>	56
The Two-in-One Biographies	25	Advertisements	56
Notes on the Origin of Cultivated Plants — <i>C. Leonard Huskins</i>	27		

Index—Illustrations

Students and Staff of the O. S. A., 1931-32	3	The Two-in-One Class	25-26
Year Book Staff	5	The Sophomore Class	29-36
The Main Building	6	The Freshmen Class	37
O. S. A. Staff	7	The Literary Committee	38
About the O. S. A.	8	The Social Committee	38
The Students' Council	11	The Second Year Debating Team	40
A Corner of the Library	12	The O. S. A. Orchestra	44
A View of the Barns at the O. S. A.	14	The Athletic Committee	49
Irrigation Class "B" Division, 2nd Year	17	The Girls' Basketball Team	51
A Corner of the Carpentry Shop	17	The Boys' Basketball Team	51
Some of the Percherons at the O. S. A.	18	The Hockey Team	52
The Third Year Class	19-21	The Field Day Champions	53
The Dormitory	24	Advertisements	56



